

# Sujan Bag

FULL STACK DEVELOPER

 Dakshin Gouriipur,Bishnupur,South 24 Parganas 

## ◦ Skills ◦

### C

Proficient in C programming, with experience in developing and optimizing software applications.

C programming, software development, optimization, low-level programming

### C++

Skilled in C++ programming with extensive experience in object-oriented design and software development.

C++, object-oriented programming, software development, performance optimization

### Embedded C

Experienced in Embedded C programming for developing firmware and software for embedded systems.

Embedded C, firmware development, embedded systems, real-time programming

### C#

Skilled in C# for developing scalable applications using .NET, ASP.NET, and modern programming practices.

C#, .NET, ASP.NET, OOP

### VB.net

Experienced in VB.NET for building Windows applications and services using the .NET framework with a focus on user-friendly interfaces and robust backend logic.

VB.NET, .NET Framework, Windows Forms, ASP.NET, Object-Oriented Programming, Data Access

### Java

Proficient in Java for developing cross-platform applications, including web, desktop, and mobile solutions, with a focus on object-oriented design and performance optimization.

Java, OOP, Spring, Hibernate, Java EE, Multi-threading, RESTful APIs, Maven

### PHP

Experienced in PHP for developing dynamic web applications and server-side scripting with a focus on performance, security, and integration with various databases.

PHP, MySQL, Laravel, Symfony, MVC, RESTful APIs, Web Development

### CodeIgniter

Skilled in CodeIgniter for building efficient and scalable web applications with a focus on simplicity, performance, and MVC architecture.

CodeIgniter, PHP, MVC, Web Development, Application Development, Performance Optimization

### Laravel

Proficient in Laravel for developing robust, scalable web applications using modern PHP practices and the MVC framework with a focus on elegant syntax and powerful features.

Laravel, PHP, MVC, Eloquent ORM, Artisan CLI, Blade Templating, RESTful APIs

### JavaScript

killed in JavaScript for creating interactive and dynamic web applications, with expertise in both client-side and server-side scripting, including modern frameworks and libraries.

JavaScript, DOM Manipulation, ES6+, React, Node.js, AJAX, jQuery, Asynchronous Programming

### jQuery

Experienced in jQuery for simplifying HTML document traversal, event handling, and animations to enhance user interfaces and streamline JavaScript development.

jQuery, DOM Manipulation, Event Handling, Animations, AJAX, UI Enhancements

### Ajax

Proficient in AJAX for creating asynchronous web applications, allowing for dynamic content updates and improved user experiences without reloading the entire page.

AJAX, Asynchronous Requests, JSON, XML, API Integration, Dynamic Content, Client-Server Communication

### MERN Stack

Skilled in the MERN stack (MongoDB, Express.js, React, Node.js) for developing full-stack web applications with a focus on seamless integration between front-end and back-end technologies.

MERN Stack, MongoDB, Express.js, React, Node.js, Full-Stack Development, RESTful APIs, Single-Page Applications

### PERN Stack

Experienced in the PERN stack (PostgreSQL, Express.js, React, Node.js) for building robust full-stack web applications, focusing on efficient database management and seamless integration between front-end and back-end.

PERN Stack, PostgreSQL, Express.js, React, Node.js, Full-Stack Development, RESTful APIs, Database Management

### AngularJS

Proficient in AngularJS for developing dynamic single-page applications (SPAs) with a focus on two-way data binding, modularity, and MV\* architecture

AngularJS, MV\* Architecture, Two-Way Data Binding, Directives, Dependency Injection, SPA Development

### ReactJS

Skilled in ReactJS for building dynamic and responsive user interfaces using component-based architecture, with a focus on efficient rendering and state management.

ReactJS, Component-Based Architecture, JSX, State Management, Hooks, Virtual DOM, Single-Page Applications

### Node.js

Experienced in Node.js for building scalable and high-performance server-side applications using JavaScript, with a focus on asynchronous programming and RESTful APIs.

Node.js, JavaScript, Asynchronous Programming, Express.js, RESTful APIs, Server-Side Development, npm

### Next.js

Proficient in Next.js for developing server-rendered React applications with a focus on performance optimization, static site generation, and seamless routing.

Next.js, Server-Side Rendering (SSR), Static Site Generation (SSG), React, Routing, Performance Optimization, API Routes

### Nest.js

Skilled in Nest.js for building scalable and maintainable server-side applications using TypeScript, with a focus on modular architecture, dependency injection, and microservices.

Nest.js, TypeScript, Modular Architecture, Dependency Injection, Microservices, RESTful APIs, GraphQL

### React Native

Experienced in React Native for developing cross-platform mobile applications with a focus on reusable components, native performance, and efficient state management.

React Native, Cross-Platform Development, Mobile Apps, Component-Based Architecture, Native Performance, Redux, Hooks

### Python

roficient in Python for developing versatile applications, including web, data analysis, and automation, with a focus on readability, efficiency, and integration with various libraries and frameworks.

Python, Web Development, Automation, Django, Flask, Pandas

### Flask

Skilled in Flask for building lightweight and flexible web applications with a focus on simplicity, scalability, and integration with various libraries and tools.

Flask, Python, Web Development, RESTful APIs, Microservices, Jinja2, Middleware

### Django

Experienced in Django for developing robust and scalable web applications with a focus on rapid development, built-in admin interface, and adherence to the DRY (Don't Repeat Yourself) principle.

Django, Python, Web Development, ORM, Admin Interface, RESTful APIs, MVC Architecture

### SQL and PostgreSQL

Proficient in SQL and PostgreSQL for managing and querying relational databases, with a focus on efficient data manipulation, schema design, and advanced querying techniques.

QL, PostgreSQL, Database Management, Query Optimization, Schema Design, Data Manipulation, Advanced Queries

### MongoDB

Skilled in MongoDB for managing and querying NoSQL databases, with a focus on flexible schema design, scalability, and efficient handling of large volumes of unstructured data.

MongoDB, NoSQL, Document Database, Schema Design, Data Aggregation, Performance Optimization, Scalability

### Kafka and WebSocket

Experienced in Apache Kafka and WebSocket for real-time data streaming and bidirectional communication, with a focus on handling large-scale data flows and enabling interactive applications.

Apache Kafka, WebSocket, Real-Time Data Streaming, Message Broker, Event-Driven Architecture, Bidirectional Communication, Scalability

### Solidity

### Web3.js

## ◦ Interests ◦

## Programming

### Coding

## ◦ Awards ◦

### Project by E-Yantra (Eycr-2018 Track 3).

E-Yantra

### 2018

Participated in Robotics Competition, we developed one homecoming robots with ai machinelearning , we got 6 month to complete,after complete we got second prize .

## ◦ Languages ◦

### English

Proficient in English with strong skills in written and verbal communication. Experienced in technical documentation, business correspondence, and collaborative team environments.

### Hindi

Proficient in Hindi with strong skills in both written and verbal communication. Experienced in creating content, translating, and engaging in professional and social contexts.

### Bengali

Proficient in Bengali with strong written and verbal communication skills. Experienced in creating content, translating, and engaging in diverse professional and social contexts.

## Profiles



## Summary

I'm a seasoned full-stack developer with over 10 years of experience in creating intuitive web solutions. Passionate about technology and innovation, I thrive in collaborative environments and continuously seek to push boundaries. Let's work together to turn ideas into reality.

## Experience

### INDUANSH PVT.LTD.

Full stack developer

Remote

**Jan 2014 - Jan 2019**

As a Full Stack Developer at INDUANSH PVT. LTD., I successfully delivered over 40+ projects, handling both frontend and backend development. I collaborated with teams to create responsive, user-friendly web applications and ensured seamless integration with databases and third-party services. My role required adapting to various technologies and consistently meeting project deadlines.

### Apex Instruments Co. Pvt. Ltd.

SOFTWARE ENGINEER

82C, Ibrahimpur Rd, Anandapally, Bidhanpally, Jadavpur, Kolkata, West Bengal 700032

**Jul 2019 – Jul 2021**

At Apex Instruments Co. Pvt. Ltd., I served as a Software Engineer, focusing on the development of machine software and full stack development. My work involved creating and maintaining software solutions for machinery while also contributing to end-to-end web application development.

<https://www.apexicindia.com/>

### Elvira Infotech Private Limited

Senior Full stack developer

Unit 1908, Imagine Tech Park, DP Block, Sector V, Bidhannagar, Kolkata, West Bengal 700091

**Jul 2021 – Apr 2022**

At Elvira Infotech Private Limited, I worked as a Full Stack Developer, delivering a wide range of projects using various technologies. My role involved building and maintaining web applications,Mobile App,Desktop App adapting to different technical requirements to ensure successful project delivery.

[https://elvirainfotech.com](https://elvirainfotech.com/)

### Techno Exponent

Full Stack Developer

Netguru Building, E2-4, GP Block, Sector V, Bidhannagar

**May 2022-Present**

I am currently working at Techno Exponent, where I focus on full stack development for web projects. I utilize a variety of technologies to build and maintain applications, ensuring they meet client needs and industry standards.

<https://www.technoexponent.com>

## Education

### A.P.C Roy Polytechnic

Computer Science

Diploma

**2016 - 2019**

### Gargi Memorial Institute of Technology

Computer Science & Engineering

B.tech

**2019-2022**

## Projects

### Coda.Studio

This is an Ecommerce Website. Link: <https://coda.studio>

Directed the development of a comprehensive furniture e-commerce platform featuring distinct admin, user, and vendor panels, facilitating seamless management and interaction.- Utilized HTML, CSS, and JavaScript for frontend interfaces, while leveraging Laravel to construct robust backend functionalities.- Seamlessly integrated Stripe for secure online payment processing across all panels.- Demonstrated efficiency by completing the project within a 30-day development timeline, followed by rigorous testing over 5 days.- Successfully deployed the platform, ensuring smooth operation of all panels and functionalities, within the designated 45-day tenure.

<https://coda.studio/>

### Pharmaspirit

This is student exam Website. Link: <https://www.pharmaspirit.com/>

Spearheaded the development of a medical student exam system featuring robust admin and user panels using HTML, CSS, and JavaScript for frontend design, and CodeIgniter for backend implementation.- Executed the project within a 45-day tenure, ensuring completion of development and testing phases in 43 days.- Demonstrated proficiency in frontend and backend technologies, enabling seamless user experience and efficient system operation.

<https://www.pharmaspirit.com/>

### Wonderwound

This is a School Management System. Link: <https://wonderwoud.be>

- Led the development of a comprehensive school management system, incorporating features for course, student, and teacher management portals, utilizing HTML, CSS, and JavaScript for frontend design, and Laravel for backend functionality.- Successfully completed the project within an accelerated 25-day tenure, demonstrating efficiency by finishing development five days ahead of schedule, ensuring timely deployment and client satisfaction.

<https://wonderwoud.be/>

### Ara transferprint

This is a Company Profile Website. Link: <https://ara-transferprint.com>

Directed the development of a dynamic company profile website, incorporating revenue management, contact forms, gallery showcasing company achievements, and an automated email system.- Utilized HTML, CSS, and JavaScript for frontend design to ensure an intuitive user interface, complemented by Laravel for backend functionality.- Achieved project completion within a tight 20-day timeframe, showcasing adeptness in frontend and backend technologies, and delivering a high-quality product within accelerated timelines.

<https://ara-transferprint.com/>

### Dewitteberk

This is an Ecommerce Website. Link: <https://dewitteberk.be>

- Spearheaded the development of a robust multi-vendor plant and flower e-commerce platform, featuring comprehensive admin, vendor, and user panels, alongside a real-time chat system and seamless payment gateway integration.- Used HTML, CSS, and JavaScript for frontend design, ensuring a user friendly interface, while leveraging Laravel for backend functionality and Node.js for real-time communication.- Completed the project efficiently within a 45-day timeframe, demonstrating proficiency in frontend and backend technologies, and delivering a feature-rich platform tailored to client specifications

<https://dewitteberk.be/>

### Ibensriet

This is a Profile Website. Link: <https://ibensriet.be>

- Orchestrated the development of a dynamic company profile website showcasing gallery images and comprehensive company details, with a preview feature for enhanced user experience.- Implemented a dynamic backend using Laravel, empowering administrators to efficiently manage content through a dedicated CMS (Content Management System).- Leveraged HTML, CSS, and JavaScript for frontend development, ensuring an engaging and responsive user interface.- Successfully delivered the project within an accelerated 15-day timeline, demonstrating adeptness in backend development and frontend design to meet client needs effectively

<https://ibensriet.be/>

### Kravanja

This is a Profile Website. Link: <https://kravanja.eu>

Led the development of a dynamic company profile website showcasing gallery images and detailed company information, featuring a preview function for enhanced user engagement.- Utilized HTML, CSS, and JavaScript for frontend design to ensure an intuitive user experience.- Implemented a robust backend using Laravel, enabling efficient content management and seamless integration with the frontend.- Completed the project within an impressive 7-day timeframe, showcasing proficiency in frontend and backend technologies to deliver a high-quality product within accelerated timelines.

<https://kravanja.eu/>

### Parket

This is an ecommerce Website. Link: <https://parket.vandenbranden.be/en>

- Spearheaded the development of a comprehensive e-commerce platform featuring admin and user panels, alongside a real-time chat system and seamless payment gateway integration.- Employed HTML, CSS, and JavaScript for frontend design, ensuring an intuitive user interface, while leveraging Laravel and [socket.io](#) for robust backend functionality.- Successfully delivered the project within a 30-day timeframe, demonstrating adeptness in frontend and backend technologies, and delivering a feature-rich platform tailored to client specifications.

<https://parket-vandenbranden.be/en>

### Glitcher

This is a streaming website. Link: <https://www.glitcher.app>

This is a streaming website. Link: <https://www.glitcher.app>-- Spearheaded the development of a cutting-edge video streaming website enabling video uploads and live streaming capabilities, augmented with a leaderboard system for point management.- Leveraged React.js for frontend development, ensuring a seamless and dynamic user interface, while employing Node.js for robust backend functionality.- Successfully completed the project within a 30-day timeframe, showcasing proficiency in React.js and Node.js technologies to deliver a feature-rich platform tailored to client needs

<https://www.glitcher.app/>

### The Perfect Sofa

This is product listing website. Link: <https://perfectsofa.com/>

Directed the development of a company product listing website using Shopify, delivering a streamlined platform for showcasing products within an accelerated 20-day timeframe

<https://perfectsofa.com/>

### Tandam

This is a Company Website. Link: <https://tandem.be>

- Led the development of a professional company profile website, employing HTML, CSS, and JavaScript for frontend design and Laravel for backend functionality.- Successfully delivered the project within a 30-day timeframe, showcasing proficiency in frontend and backend technologies to create a dynamic online presence for the company.

<https://tandem.be/>

### Tutor

This is a LMS Website. Here Features are Chat +video call communication between student teachers. Subscriptions faciality also there

Spearheaded the development of a comprehensive Learning Management System (LMS) using React.js for frontend design and Node.js for backend implementation.- Successfully delivered the project within a 60-day timeframe, showcasing proficiency in React.js and Node.js to create a robust platform for managing learning content and user interactions.

### Drowsiness Detection

Sleep Detection Software

- Developed a drowsiness detection system utilizing Python, Keras, TensorFlow, and OpenCV technologies, demonstrating proficiency in machine learning and computer vision.- Successfully completed the project within a rapid 7-day timeframe, showcasing efficiency in model development and implementation for enhancing safety measures

### Mask Detection

This is a website, which will detect Mask

Spearheaded the development of a mask detection system leveraging Python, Keras, PyTorch, OpenCV, and Django technologies, showcasing proficiency in machine learning, computer vision, and web development.- Utilized React.js for frontend design, ensuring an intuitive user interface.- Achieved project completion within an accelerated 10-day timeframe, highlighting efficiency in model development, integration, and frontend implementation to address current safety concerns effectively.

### Attendance Website

School Attendance System

Developed a school attendance system using Python and OpenCV, showcasing proficiency in computer vision and image processing.- Successfully completed the project within a 10-day timeframe, demonstrating efficiency in system development and implementation to address attendance tracking needs in educational settings.

### Simntex

Multivendor Ecommerce Website

Spearheaded the development of a comprehensive multivendor e-commerce platform featuring admin, vendor, and user panels, utilizing Django for backend functionality and React.js for frontend design.- Demonstrated proficiency in full-stack development by successfully completing the project within a 40-day timeframe, showcasing efficiency in backend setup, frontend implementation, and overall system integration to deliver a feature-rich e-commerce solution.

### Gafah.com

Crypto Wallet System

Project Overview: Development of a Dubai-based Crypto Wallet System  
Objective: Our goal was to develop a comprehensive crypto wallet system capable of facilitating internal and external payments. The system includes various components such as a POS machine app, external website, merchant website, admin panel, smartlink integration, user app, and scanner system. One of the key features of the system is providing real-time updates to users. Technologies Used: Backend Development: Node.js, PostgreSQL, Apache Kafka, Socket.I O,Web3.js Frontend Web Development: React.js Mobile App Development: React Native (for both user app and POS) System Sensitivity: The entire system is designed with a high level of sensitivity to ensure security and reliability. Component Breakdown: 1. POS Machine App: Developed using React Native to facilitate transactions seamlessly. 2. External Website: Allows users to interact with the system from external platforms. 3. Merchant Website: Specifically designed for merchants to manage transactions and accounts. 4. Admin Panel: Centralized dashboard for system administrators to monitor and manage operations. 5. Smartlink Integration: Streamlines payment processes and enhances user experience. 6. User App: Built with React Native to provide users with access to their crypto wallets and transactions. 7. Scanner System: Enables efficient scanning of QR codes for transactions and verification purposes. Key Features: Internal and External Payments: Supports both internal (within the system) and external (outside the system) payments. Real-Time Updates: Provides users with real-time updates on transactions and account activities. Security and Sensitivity: Ensures the system's robustness and sensitivity to handle crypto transactions securely. This structured approach ensures clarity and coherence in presenting the project's goals, components, technologies, and key features. Crypto wallet, gafah, [gafah.com](#), payment sytem, wallet develop

<https://gafah.com/>

### Csipros

A third-party claims company that helps movers and their customers reach a fast and fair resolution for their household moving claims.

Claims Service International ("CSI") was originally founded as Claims by Donna in Florida in 2004. CSI has been providing Claims and Arbitration Services, Training of Sales Representatives and Dispatch Departments, Tariff Publishing, and customized Contract Forms for moving companies nationwide. CSI is processing claims for many independent carriers as well as agents of the major valnines nationwide. CSI is continuing to grow steadily while maintaining the quality of work, curteous customer service and personal approach we are known for.

<https://csipros.org/>