ABDUL REHMAN HARIS

Senior FUll Stack Developer | JavaScript |TypeScript | | Next.js | Nest.js | AWS | GraphQL | BlockChain |

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PROFILE SUMMARY

Full Stack Developer with expertise in building scalable, high-performance applications using NestJS, Node.js, and React. Proficient in microservices architecture, AWS cloud integration, and business process automation with Camunda, with additional experience in GraphQL APIs and blockchain solutions. Known for delivering innovative, user-centered applications across industries, leveraging a strong foundation in both frontend and backend technologies to drive business growth and enhance operational efficiency.

WORK EXPERIENCE

Full Stack Developer   JANUARY 2021 – PRESENT
CherryBytes Technologies

Overview

- Led the development of scalable applications with a focus on both frontend and backend, utilizing NestJS, Next.js, and React to deliver high-performance, interactive solutions.
- Architected a microservices-based system that streamlined service communication and improved scalability, enabling the platform to handle high traffic with minimal downtime.
- Integrated Camunda for efficient business process automation, which enhanced operational workflows, reducing manual tasks by 40%. Implemented GraphQL within a monorepo architecture to optimize data retrieval and improve API efficiency, resulting in a 30% reduction in data load times.
- Developed robust backend solutions for a fintech platform, optimizing performance and enhancing user experience through improved data handling and secure API endpoints.
- Engaged in cloud deployment and server management using AWS to ensure application scalability and reliability.

Technologies Used: NestJS, Next.js, React, Camunda, GraphQL, AWS, Microservices Architecture, Monorepo, Docker, Git

Full Stack Developer   May 2018 – December 2020
Virtual Force

Overview

- Adapted to various development roles, including blockchain development and Web 3.0 solutions, gaining proficiency in Solidity and blockchain-based backend systems.
- Built scalable and dynamic applications using NestJS and Next.js, contributing to both frontend and backend architecture and ensuring a seamless user experience.

- Led backend development for health-related projects, implementing key functionalities in React for the admin portal and collaborating with the Flutter team to ensure smooth cross-platform integration.
- Integrated Camunda for automated business workflows, significantly improving process efficiency and accuracy across multiple projects.
- Leveraged AWS services to optimize application deployment, providing scalability and reliability in cloud environments.
- Delivered a fintech solution with a focus on user-centric design, optimizing backend performance and improving application responsiveness.

Technologies Used: NestJS, Next.js, React, Camunda, Solidity, Blockchain, AWS, Docker, GraphQL, Git

Full Stack Developer   January 2017 – April 2018
DevSinc

Overview
- Developed innovative solutions across various projects, focusing on both frontend and backend with React, Redux, and Node.js.
- Built a multi-tenant healthcare system featuring appointment scheduling, medical report management, and hospital administration, utilizing PostgreSQL and Redis to enhance database performance.
- Implemented and optimized API gateways and microservices, enabling efficient communication between distributed services, which enhanced system performance and reliability.
- Created a fintech platform by utilizing blockchain technology to facilitate secure and transparent transactions, leveraging Ethereum and Solana for blockchain integrations.
- Employed agile methodologies, including sprint planning and daily stand-ups, to deliver high-quality software solutions on time and within scope.

Technologies Used: React, Redux, Node.js, PostgreSQL, Redis, Blockchain, Ethereum, Solana, Agile Methodologies, Docker, Git

EDUCATION

Bachelor's in Computer Sciences   FEBURARY 2012 – MARCH 2016
COMSATS University Islamabad

SKILLS

- Nest.js
- Node.js
- React
- NEXT.js
- Camunda
- Monorepo Architecture
- API Gateway
- Microservices
- Business Process Automation
- Docker
- Sequelize

- MikroORM
- Blockchain
- Web3.0
- Solidity
- Ethereum
- Solana
- AWS (EC2, S3, Lambda, RDS)
- Redux
- GraphQL
- PostgreSQL

PROJECTS

Timeless
Role: Backend Engineer

- Developed the backend for a **multi-tenant system** used by multiple watch companies, where each purchased watch was assigned an **NFT-based identity** on the blockchain, holding both **real-world** and **blockchain value**.
- Implemented features allowing users to transfer **ownership** and **mint authority** of the watch, with all updates or repairs recorded in the blockchain-based metadata, ensuring transparency and authenticity.
- Focused on backend development using **NestJS**, with a particular emphasis on leveraging **Camunda BPMN** to manage inventory workflows, store operations, and other critical backend processes.
- Architected the system using **monorepo** for efficient code management across different services, ensuring scalability and modularity across multiple platforms, including the web portal (React), and mobile apps (iOS and Android in Flutter).
- Contributed to the **multi-tenant admin portal,** enabling seamless management of watches, inventory, and customer interactions across different companies.

Varda
Role: Frontend & Blockchain Developer

- Led the frontend architecture using React, TypeScript, and Redux, delivering a highly scalable and intuitive user interface for property listings and NFT management.
- Implemented responsive design and optimized state management to ensure a seamless user experience.
- Developed a unique real estate platform where properties are tokenized into 100 equal NFTs, allowing users to benefit from value appreciation and rental yields.
- Contributed to the blockchain layer, focusing on smart contract development on Ethereum, ensuring secure and transparent transactions without handling the minting process.
- Nomia Role: Frontend Developer Medicheck Role: Backend Developer Moopetz Role: Full Stack Developer Collaborated closely with cross- functional teams to integrate blockchain technology with real estate operations, enhancing transparency, user engagement, and platform reliability.
- Utilized best practices in web performance optimization and security to create a robust platform capable of handling complex property and NFT transactions

Nomia
Role: Frontend Developer

- Developed the frontend of a user-friendly document editor and e-signature platform tailored for various industries.
- Created an intuitive drag-and-drop document builder using React, Redux Saga, and DraftJS, enabling users to effortlessly generate templates and documents, including contracts, policies, and reports.
- Implemented functionalities for single and bulk PDF generation through manual input and API integration, ensuring high-quality and error-free document formatting.
- Designed a secure document library featuring search capabilities and workspace permissions, streamlining document management and access control.
- Enhanced collaboration by integrating a multi-role editor, allowing creators and editors to add comments and share documents externall

Medicheck

Role: Backend Developer

- Developed a multi-tenant healthcare system serving hospitals, doctors, and patients, with dedicated portals for managing appointments, medical reports, and hospital administration.
- Worked extensively on the backend using NestJS, Redis, PostgreSQL, and a microservices architecture, ensuring scalability and efficient handling of patient-doctor interactions.
- Implemented appointment scheduling, report management, and hospital workflow features, providing seamless communication between doctors, patients, and hospital administrators.
- Contributed to the portal development, enhancing the user experience for doctors and administrators to manage patient data and hospital operations efficiently.

Moopetz

Role: Full Stack Developer

- Built a Solana-based token platform, focusing on both frontend and backend development to deliver a seamless, secure experience for users.
- Led the frontend development using Next.js, ensuring a performant and responsive interface for interacting with the Solana ecosystem.
- Developed the backend using a combination of TypeScript and Rust, leveraging Rust's performance capabilities and TypeScript's flexibility for efficient transaction handling and blockchain integration.
- Integrated the Solana blockchain for token creation and management, ensuring secure and efficient smart contract execution.
- Implemented best practices for scalability, security, and high-performance in both frontend and backend systems, ensuring smooth handling of Solana token transactions and interactions.

CERTIFICATION

Business Process Modelling
STARWEAVER

Blockchain Specialization
The State University of New York

Certified Rust Programming
Udemy

LANGUAGES

- **English**