



ROBERT WILSON

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SUMMARY

Innovative, task-driven professional with 10 + years of experience in web and mobile development across diverse industries. Experience in meeting challenging targets within short deadlines in a dynamic work environment.

Aptitude for solving complex issues through ingenious innovation.

Proficient in developing web Front-end and Backend as well as Database design, writing and testing codes and building CI/CD pipelines, troubleshooting simple/complex issues, and implementing new features based on user feedback.

Experience in leading teams and a good aptitude for solving complex issues, in addition to analytical thinking and an easy-going approach.

SKILLS

- ★ HTML5, CSS3, Scss, Python, Javascript, TypeScript
- ★ Tailwind CSS
- ★ React, Redux, Next
- ★ Webpack, bundle
- ★ Jest, Cypress
- ★ Git, Agile Methodology
- ★ Node.js, Express
- ★ Django, Flask
- ★ Socket.io, RabbitMQ
- ★ AWS Lambda, EC2, S3, Amplify, Terraform, Cognito
- ★ Mysql, PostgreSQL, MongoDB
- ★ Jenkins, Docker, Kubernetes

EXPERIENCE

2018.06 – 2023.02, CONFLUENT (MOUNTAIN VIEW, CA)

SENIOR FULL STACK DEVELOPER

- ❖ Built GCS GraphQL Apollo server and CRON Job task management scheduler using Node, Express & MongoDB.
- ❖ Led the migration of a monolithic e-commerce platform to a microservices architecture with Node and Django, resulting in improved system performance, enhanced fault isolation, and efficient resource utilization.
- ❖ Developed the Identity Server for the authentication using Node and integrated it into our infrastructure.
- ❖ Designed and implemented RESTful APIs using Python and Flask for a client's e-commerce platform, enabling seamless integration with third-party services and enhancing data exchange capabilities.
- ❖ Developed a real-time data visualization dashboard using Python and Plotly, providing stakeholders with actionable insights into key performance metrics.
- ❖ Optimized database queries and improved application performance by implementing caching mechanisms using libraries like Redis, resulting in a 40% reduction in query response times.
- ❖ Built the Frontend UX/UI for GCS(Global Content Service) project from the Figma design to build the post or blog with the media using Angular & NgRx & GraphQL.

- ❖ Built Mobile Apps using Flutter and implemented features such as a camera module, push notifications, and a social media login.
- ❖ Implemented Forums and real-time communication Chat using socket.io and RabbitMQ.
- ❖ Wrote the automation test script including the functional test with Jest and the e2e test with Cypress.
- ❖ Increased the website speed by 20% by using PWA, CDN, and bundle optimization.
- ❖ Implemented continuous integration and continuous deployment (CI/CD) pipelines using tools like Jenkins, AWS CodePipeline and CodeDeploy, reducing deployment time and ensuring reliable releases.
- ❖ Led the frontend teams and participated in documentation and code reviewing for the other developers.

2015.04 – 2018.03, MERCH INFORMER (BOULDER, CO)

MID-LEVEL FULL STACK DEVELOPER

- ❖ Design the basic architecture of the backend project with .Net Core and MySQL DB schema so that our teammates could work on this project, and integrating payment system with Strapi.
- ❖ Develop the Restful API endpoints including keyword finder module using Google ads cloud service.
- ❖ Develop the optimized frontend pages including the admin KPI dashboard using Apex Chart and improve SEO using React.
- ❖ Implement new features like user notification and image handlers, Analytics Dashboard in Google Chrome extension project which was built using React and improve the legacy code base and upgrade node and manifest version.
- ❖ Integrated CMS for managing the web site landing page design and implemented mobile-responsive UI.

2013.09 – 2015.03, KOYFIN (NEW YORK, NY)

JUNIOR FULL STACK DEVELOPER

- ❖ Worked with a team of 5 developers to create a Finance Data visualization website using React and NodeJS.

- ❖ Created reusable components including chart and data table that were easily maintainable, reducing the time spent on future development by 40%
- ❖ Built a dashboard for monitoring server performance using NodeJS, Express, and MongoDB
- ❖ Improved search functionality by creating a more robust indexing system using Elasticsearch
- ❖ Collaborated with designers to implement UI changes based on client feedback.
- ❖ Implemented automated tests to ensure code quality and reliability in accordance with best practices.

PROJECT

EARTHYDOT ECOMMERCE

This project was developed for a client, which is an e-commerce website. Google SMTP service is used for email verification, password encryption, and decryption to secure user accounts. All the basic form validations were used. This site is developed using Django. React and Tailwind CSS in the front-end and Django in the back-end.

<https://earthlydot.com>

ELIBRARY MANAGEMENT

It's a web-based library management system. Developed using Flask, SQL, React and Tailwind CSS.

<https://bsite.net/ELibraryManagement/Homepage.aspx>

DATABASE UPDATER

This is a web-based DB updater for the support team.

Using this one can build the SQL queries and execute it in a database, which provides an interface for databases and securing the data from disasters by the mistakes of supporting engineers. This project was developed using MERN stack. React and Tailwind CSS in the front-end and Node.js, MongoDB in the back-end.

NETFLIX

This application(a Netflix clone) was created using React.

CSS gives it a good look. A third-party API (TMDB) is used for getting movie data. React-youtube library is used to play trailers of the movies.

EDUCATION

2007.09 – 2012.05

BACHELOR`S DEGREE IN COMPUTER SCIENCE

AUBURN UNIVERSITY, ALABAMA

INTERESTS

- Passionate to learn about Machine Learning and Artificial Intelligence, Blockchain
- Playing Basketball, Football
- New tech blog and Robots.