SUMANTA MANDAL
875-903-0367 • sumanta.mandal1496@gmail.com

Linkedin   Portfolio   GitHub

SUMMARY

A software engineer with 5+ years of experience in building responsive web applications. Curated and led development initiatives using React, TypeScript, HTML, CSS, SQL, Node.js, and Python. Identified and implemented scalable solutions, optimizing performance for seamless user experiences. Generated innovative features, received positive feedback from stakeholders, and increased application efficiency. Adept at working in Agile environments, ensuring sustainable development practices and adhering to industry best practices.

WORK EXPERIENCE

Software Engineer, Celestial Systems   **MAY 2022 - Present**

- Led development, designed, and managed agile sprint cycles, boosting project **efficiency by 30%** through continuous client feedback.
- Developed and enhanced functionality using Highcharts, AG Grid, and Material UI, creating intuitive dashboards and improving UI/UX across three applications, leading to a **25% increase in user satisfaction**.
- Optimized API calls, reducing **latency by 15%**, and maintained system performance and usability, generating a 20% rise in user retention.
- Created and implemented a **RAG (Retrieve-Augment-Generate) system** using Azure OpenAI, efficiently extracting and processing information from bank details by gathering data and coordinating with stakeholders.

Skills Used: React.js, React Hooks, AG Grid, Highcharts, Node.js, Redux, Redux-saga, State Management, JavaScript, Typescript, GIT, HTML5, CSS3, SQL, PostgreSQL, Python, Azure.

Implementation Associate, LogicNColor(Granicus)   **NOV 2020 - May 2022**

- Contributed to the development of a highly customized and user-friendly CMS, focusing on implementing robust functionality, seamless navigation, and intuitive user interfaces, which increased user engagement and efficiency.
- Boosted transaction **efficiency by 20%** through Stripe payment integration, streamlining application processing and reducing payment delays.
- Optimized database performance by proficiently handling complex queries and stored procedures, which decreased load times, eliminated bottlenecks, and enhanced overall system functionality by resolving performance issues.

Skills Used: React, Node.js, SQL, CSS, LESS, Git, JavaScript, HTML.

Web Developer, Zauca Consultancy   **JAN 2020 - SEP 2020**

- Led development on WordPress projects, delivering high-quality website solutions that exceeded client expectations while ensuring maintained performance and scalability.
- Enhanced website **engagement by 15%** through custom CSS and JavaScript implementations, achieving a more interactive and user-friendly experience.
- Integrated and analyzed multiple third-party plugins, extending website capabilities to better meet client needs and optimizing overall functionality.

Skills Used: HTML, CSS, JavaScript, WordPress, PHP.

EDUCATION   **2014 -2018**

Bachelor of Technology in Mechanical Engineering

SKILLS

- Front-End Development: React.js, JavaScript, TypeScript, HTML5, CSS3, LESS, State Management (Redux, React Query)
- Back-End Development: Node.js, Python, PHP, WordPress, SQL, PostgreSQL, GraphQL
- Version Control & Collaboration: Git, GitHub
- Cloud Platforms: Azure
- Other Technologies: RESTful APIs, Agile Methodologies, CI/CD, Webpack

CERTIFICATIONS

- GraphQl with React - **Link**
- AWS with Javascript - **Link**
- MERN Full Stack Guide - **Link**
- Python, Django Fullstack Web Developer - **Link**

PROJECTS

- Tailwind Dashboard App (React, Tailwind) - **Link**
- Next.js Blog App (Next.js, HTML, CSS) - **Link**
- Task Manager App MERN (MongoDB, Express, React, Node.js) - **Link**
- Gen AI chatbot App (Gemini API, Python, React) - **Link**