

SUSHANT KUMAR SHAH KANU

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EDUCATION

Virginia Tech

Masters of Engineering in Computer Science

Alexandria, VA, US

Jan. 2025 – Present

Malla Reddy College of Engineering & Technology

Bachelors of Technology in Computer Science Engineering

Hyderabad, India

Aug. 2017 – Sep 2021

EXPERIENCE

Front-end Developer

Jan 2024 – Nov 2024

Bharat Tech

India

Continuously optimized front-end performance through image compression, lazy loading, and code splitting, resulting in a 25% improvement in web app speed.

Played a key role in refactoring legacy code, modernizing the codebase by integrating ES6+ features and optimizing load times, reducing the initial page load by 30%.

Led the development of new features for the main product, focusing on user-facing components and performance optimization, improving user interaction speed by 15%.

Front-end Developer Intern

Oct. 2023 – Jan 2024

Bharat Tech

India

Collaborated with senior developers to design and implement responsive user interfaces using HTML, CSS, and JavaScript, improving the user experience of core web applications.

Assisted in converting static design mockups into interactive web pages using ReactJS and integrated them with backend APIs, ensuring seamless data flow.

Contributed to creating reusable UI components with TailwindCSS and React, which reduced development time for future features by 25%.

Gained hands-on experience with front-end frameworks and tools like React, TailwindCSS, and Webpack, leading to a strong understanding of modern web development practices.

PROJECTS

Daybook - A BookKeeping SaaS | *ReactJS, Firebase, TailwindCSS, ChartJS*

[Github](#)

Developed a web-based bookkeeping tool for small retail businesses using ReactJS for the frontend and Firebase for the backend.

Designed an intuitive UI for recording and managing daily transactions, invoices, and business expenses.

Implemented **Role-based authentication**, allowing all staff members of an enterprise to share the same read/write permissions.

Integrated **PDF invoice generation** and **WhatsApp sharing** for seamless communication with customers.

Ensured **real-time data synchronization** and **cloud storage** using Firestore and optimized performance for handling large datasets efficiently.

The Infinite Shelf | *Spring Boot, JSP, React, CSS*

[Github](#)

Designed and implemented the entire web application.

Integrated features like book previews and an online marketplace.

Implemented a secure payment gateway for customers to purchase books.

TECHNICAL SKILLS

Languages: JavaScript, Python, C/C++, SQL (Postgres), HTML/CSS, R

Frameworks: React, Node.js, Flask, TailwindCSS, ShadCN UI, Material-UI, FastAPI, React Router, Jest, Zustand

Developer Tools: Git, AWS, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib