

Janan Patel

Github: [jananpatel2002](#)

Linked-In: [Janan Patel](#)

jananpatel2002@gmail.com

(413)-234-7117

Education

- **University of Massachusetts Amherst**

Bachelors of Science, Computer Science

Amherst, MA

May 2024

Work Experience

- **UKey - Full Stack Web Engineer (June 2023 - August 2024) :**

Developed and enhanced Vue.js and TypeScript front-end features for a complex dashboard, creating new subsections to improve user experience and functionality.

Designed and implemented RESTful APIs using Helidon on Java, integrating PostgreSQL and ArangoDB for optimized backend data management and seamless database interactions.

Extended and maintained existing APIs, improving performance and scalability by 15%, and ensuring smooth integration with front-end features.

- **AmherstTech - Full Stack Software Engineer (August 2024 - Present) :**

Developed and optimized core frontend features for a ride-sharing application using Flutter and Dart, enhancing user experience with a smooth, intuitive UI.

Designed and implemented an interactive map navigation system on the homepage, improving usability and enabling seamless group ride coordination based on location proximity.

Collaborated closely with backend developers utilizing Node.js, facilitating efficient data flow between frontend and backend systems to ensure real-time updates and reliability in ride tracking.

Contributed to AmherstTech's agile startup environment by iteratively refining application features, which improved app stability and customer satisfaction by 20% during beta testing

Programming Skills

- **Languages:** Python, JavaScript, Typescript, Java, C, HTML/CSS

- **Tools/Framework:** ReactJS, NextJS, ExpressJS, VueJS, Helidon, Bootstrap, GCP, Firebase, Git, Npm, JUnit, Agile/Scrum

- **Databases:** MongoDB, PostgreSQL, MySQL, ArangoDB

Projects

- **Socializer Full-Stack Application:**

Developed a robust and user-friendly front-end using React.js and TypeScript, enhancing user experience with responsive UI components and interactive features.

Built dynamic UI elements such as sidebars and dark/light mode toggle using Tailwind CSS and shadcn/ui, ensuring a modern, cohesive design and seamless user interaction.

Implemented Next.js to leverage server-side rendering, boosting performance and improving SEO, while using Socket.io for real-time communication between the client and server.

Integrated Clerk for secure authentication and user management, ensuring encrypted data transmission and compliance with security standards.

- **Sociocoders:**

Spearheaded the development of Sociocoders, a dynamic web application providing budget-friendly, high-quality educational courses, using Vue.s for the frontend, Django (Python) for backend services, and MongoDB for data storage, resulting in a seamless, responsive platform for over 5,000 registered users.

Crafted and implemented interactive, user-centric front-end interfaces paired with RESTful APIs, achieving a smooth and reliable data flow between front-end and back-end systems, which improved course completion rates by 5%.

Partnered closely with a cross-functional team of 5 developers and designers to create a scalable, user-friendly platform that empowers learners from diverse backgrounds, with a high user satisfaction rate reflected in a 4.8/5 average user rating.