

# Sambhavi Gajula

Jersey City, New Jersey 07307

📞 551-689-5255 ✉️ [gajulasambhavi@gmail.com](mailto:gajulasambhavi@gmail.com)

🌐 [LinkedIn](#)

🐙 [Github](#)

## Education

### Long Island University, Brooklyn

*Masters of Science in Computer Science*

September 2023 – May 2025

*Brooklyn, New York*

### Jawaharlal Nehru Technological University, Kakinada

*Bachelor of Technology in Electronics & communications engineering*

August 2018 – May 2022

*India*

## Technical Skills

**Languages and Frameworks:** Python, JavaScript (ES6+), HTML5, CSS3, React.js, Next.js, Redux, Context API, Typescript, Zustand, TanStack Query, TailwindCSS, Bootstrap, Node.js, Express.js, REST APIs, Django, MongoDB, PostgreSQL.

**Developer Tools & Testing:** Cypress, Vitest, MSW, Jest, Git/GitHub, Docker, AWS, CI/CD pipelines, DSA, Agile methodologies, Android/iOS.

## Work Experience

### Big Leap Technologies Pvt LTD

*Full-Stack Developer*

April 2022 – May 2023

*India*

- Built and deployed **Django + React.js apps with RTK (Redux Toolkit)**, implementing reusable components, JWT authentication, and REST API integrations to enhance security, performance, and integration capabilities.
- **Optimized UI/UX** for responsiveness across devices, cutting load times by 25% & enhanced scalability with AWS EC2 + Docker-based deployments.

### Rhabdom Solutions

*Front-end Developer Intern*

May 2023 – August 2023

*remote*

- **Engineered and deployed JavaScript testing stack**—Cypress for browser E2E and **Vitest + MSW** for unit/component and network mocking—**cutting system errors by 30%** and **improving testing efficiency by 20%**. This upgrade enhanced system performance and reliability by catching regressions early, streamlining the dev process, and elevating overall product quality.
- **Engineered responsive, accessible interfaces with HTML, CSS, JavaScript, and Bootstrap**, delivering reusable components, clean UX, and cross-browser reliability. Enhanced website performance and SEO, aligning with **audience targeting** requirements for improved engagement.

### Nixacom AI

*AI Engineer Intern*

January 2025 – July 2025

*charlotte, NC(remote)*

- Built **React.js + Tailwind CSS UI** for AI-powered KYC verification, integrating real-time APIs with python + Django backend. — enhancing verification accuracy and reducing manual review time by 35%.
- Developed and deployed a multi-layer liveness detection system leveraging React for UI and dlib (blink detection), MediaPipe (head movement), & MiniFASNetV2 (anti-spoofing) for backend processing, streamlining fraud prevention & delivering clear status outputs.

## Projects

### SmartHealth | React, Node.js, AWS, OpenAI 🗝️

- Developed and deployed a telemedicine platform with secure patient-doctor interaction, EHR management, and an AI-powered symptom checker providing first-aid recommendation.
- Implemented **role-based access control & JWT authentication**, ensuring scalable and secure app flow deployed on AWS (EC2, S3, RDS) with secure IAM policies, environment variable protection, real-time analytics.

### RideTogether | React Native, Google Maps API, Firebase, Next.js 🗝️

- Built a cross-platform **React Native app** with Google Maps APIs for ride tracking & optimized state handling using Zustand, featuring real-time location tracking, nearest ride calculation, and pick-up spot suggestions using Google Maps Places & Traffic APIs.
- Implemented a scalable backend on Firebase, leveraging Firestore for ride management, Firebase Authentication for secure login, and Cloud Messaging for real-time ride updates and notifications.