

# B.Y.V Siva Teja

Telangana Hyderabad | P: +91 8712142128 | [byvsivateja@gmail.com](mailto:byvsivateja@gmail.com)

I am a versatile Full-Stack Developer specializing in React.js, React Native, and Flutter for Frontend development, with strong Backend expertise in FastAPI, Python, Uvicorn, and RESTful API design. Skilled in JavaScript, Dart, and Python, I focus on building responsive, scalable, and visually appealing web and mobile applications supported by efficient, high-performance server architectures. Proficient in modern UI frameworks, backend development, and deployment workflows, I continuously strive to deliver seamless, reliable, and high-quality solutions that align with both user and business needs.

## EDUCATION

<b>Bachelor Of Engineering</b>	Computer Science and Engineering (May 2025)
Maturi Venkata Subba Rao Engineering College,Hyderabad	CGPA: 8.71/10
<b>Intermediate</b>	MPC (Jul 2019 – Jul 2021)
Sri Chaitanya Junior College,Madhapur	Percentage: 94.6 %

## EXPERIENCE

**Software Associate Engineer – Nexnora Technologies Pvt. Ltd.** *April 2025 – Present*

At Nexnora Technologies Pvt. Ltd., I contributed to both Frontend and Backend development for two major products, Farmacy and AIProctorLock. I designed and built responsive, scalable, and pixel-perfect interfaces while also working on backend services using FastAPI and Python to ensure smooth API workflows and reliable data handling. I consistently followed modern development standards, focusing on reusable components, clean architecture, accessibility, and efficient rendering to deliver a seamless user experience and maintain code quality across the stack.

- Tech Stack:** React.js, React Native, TypeScript, JavaScript, Node.js, Expo Go, Flutter, Dart, FastAPI, Python, Uvicorn, REST APIs.

## PROJECTS

### Farmacy: AI-Powered Crop Advisory Platform

- Developed an AI-driven, mobile-first platform to assist farmers through personalized crop advisory, disease detection, and real-time agricultural updates.
- Built the frontend using React Native (Expo) with multilingual support, integrating camera, speech, and notification modules for seamless user interaction.
- Integrated Google Gemini’s multi-modal capabilities (Vision + Language Understanding) via FastAPI to analyze crop images and generate intelligent, natural-language disease diagnoses and recovery suggestions.
- Implemented secure authentication using JWT, optimized API handling with Axios, and ensured responsive performance across devices.

### AIProctorLock: Secure Remote Examination Platform

- Developed a web-based AI-powered platform for conducting and monitoring remote interviews and examinations securely.
- Designed the complete frontend using React.js, ensuring an intuitive interface with restricted navigation, screen control, and real-time proctoring dashboards.
- Collaborated with backend teams to implement live monitoring, behavioral tracking, and automated flagging of suspicious activity.
- Optimized performance and responsiveness across browsers, ensuring a stable user experience during high-load exam sessions.

## SKILLS

- Programming:** C/C++, Java, Python.
- Competitive Programming:** Solved 300+ problems in different Coding Platforms- Hackerrank, LeetCode, GeeksforGeeks ,Proficient in algorithms, data structures, dynamic programming, arrays, strings.
- Tools and Frameworks:** Jupyter Notebook, Visual Studio, HTML, CSS, Tailwind CSS, JavaScript, React.js, React Native, Node.js, Flutter, Dart, FastAPI, Python, Uvicorn.
- Awarded **Best Project under the Theme of Next-Gen Communication** for *Customer Feedback Amplified* at Hack-Arena Hackathon conducted by Guru Nanak Institutions.(NOV-2024)

### Certifications and Training:

- Certified in Full Stack development

**Portfolio:** <https://sivaportfolio-iota.vercel.app/> | **LinkedIn:** <https://www.linkedin.com/in/siva1901/> | **GitHub:** <https://github.com/Bsivateja1901>