

# B.Y.V Siva Teja

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I am a versatile Frontend Developer specializing in React.js, React Native, and Flutter, with strong expertise in JavaScript and Dart. I focus on building responsive, scalable, and visually appealing web and mobile applications with seamless user experiences. Proficient in modern UI frameworks and frontend tools, I am highly adaptable to new technologies and continuously strive to deliver efficient, high-quality interfaces that align with user and business needs.

## EDUCATION

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### Bachelor Of Engineering

Maturi Venkata Subba Rao Engineering College, Hyderabad

Computer Science and Engineering (May 2025)

CGPA: 8.71/10

### Intermediate

Sri Chaitanya Junior College, Madhapur

MPC (Jul 2019 – Jul 2021)

Percentage: 94.6 %

## EXPERIENCE

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### Software Associate Engineer – Nexnora Technologies Pvt. Ltd.

April 2025 – Present

At Nexnora Technologies Pvt. Ltd., I designed and developed responsive and scalable frontend interfaces for two major products — Farmacy and AIProctorLock. I collaborated closely with backend and AI teams to ensure seamless API integration and optimized performance. My role involved delivering pixel-perfect UI implementations with cross-platform compatibility across web and mobile devices. I consistently followed modern frontend development practices, focusing on reusable components, accessibility standards, and optimized rendering to enhance overall user experience and maintain code efficiency.

- **Tech Stack:** React.js, React Native, TypeScript, JavaScript, Node.js, Expo Go, Flutter, Dart.

## PROJECTS

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### 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

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- **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, trees, and graphs.
- **Tools and Frameworks:** Jupyter Notebook, Visual Studio, HTML, CSS , Javascript , React Native, Node JS, Flutter, Dart.
- 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
- Certified in GDSC-Cloud Essentials and Gen-AI.
- Certified in AI/ML