

# Shashi Preetham Miryala

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## EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology

Bachelor of Technology in Computer Science C.GPA: 9.42

Narayana Junior College

Intermediate Education 96.5%

Hyderabad, Telangana

Sep. 2023 – May 2027 (Expected)

Nalgonda, Telangana

June 2019 – May 2023

## PROJECTS

Spotify-Clone-But-Better | React, MongoDB, Express, Socket.io, Zustand, TypeScript

Feb 2025 – Present

- Engineered a music streaming platform using **React** and **Express.js** with microservices architecture.
- Implemented real-time chat using **Socket.io**, reducing response time by **40%**.
- Secured user data with JWT-based **OAuth 2.0** authentication system.
- Optimized state management with **Zustand**, decreasing load times by **25%**.
- Crafted responsive UI using **Shadcn** and **Tailwind**.

Blog Application | React, MongoDB, Express, Git

Feb 2025 – March 2025

- Developed a full-stack blogging platform with **MERN stack**, handling 100+ concurrent users.
- Fortified security using **JWT tokens** for user authentication.
- Designed responsive UI with **React Hooks**, reducing bundle size by **18%**.

Traffic Countdown Optimizer | OpenCV, PyTorch, React, Flask

Aug 2024 – Oct 2024

- Architected an AI-powered traffic system using **OpenCV** for detection and **PyTorch** for analysis.
- Built real-time monitoring dashboard with React frontend and Flask backend.
- Slashed average traffic waiting time by **26%** through dynamic timing algorithms.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, TypeScript, HTML/CSS

**Frameworks:** React, Node.js, Express.js, Flask, Tailwind, Bootstrap, Jest

**Developer Tools:** Git, VS Code, Postman, Docker, Webpack, Tableau, Power BI

**Libraries:** Axios, Zustand, Redux, MongoDB, Socket.io, Mongoose

**Soft Skills:** Problem-Solving, Teamwork, Technical Communication

## ACHIEVEMENTS

- Maintained **9.42 C.GPA**, ranking in the top **5%** of class.
- Secured rank **4265** in EAMCET entrance examination among 250,000+ candidates.
- Solved **60+ LeetCode problems** with optimal space-time complexity solutions.
- Received recognition for AI-driven traffic system improving efficiency by **26%**.
- Selected for exclusive **LLM Training and Launch** workshop among 200+ applicants.

## CERTIFICATIONS

- JavaScript Essentials** - Cisco (2025)
- Python PCAP** - Cisco (2024)