

RALLABANDI LAKSHMI NARASIMHAM

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Summary

Final-year B.Tech CSE student and full-stack Developer with MERN expertise, experienced in scalable app development, secure payments, and cloud deployment(React, Node.js, Express, MongoDB). Skilled in REST APIs, TypeScript, Redux, and cloud deployment (Vercel, Render). Experienced in building scalable apps with Razorpay integration and responsive UI/UX. Certified MongoDB Associate Developer (Node.js), with additional AI/ML project experience.

Work Experience

React JS Internship (Virtual) Celebal Technologies

Jun 2025 - Jul 2025

- Built and optimized responsive web applications using React, Redux, TypeScript, and Tailwind CSS; owned end-to-end front-end architecture and production deployment.
- Integrated Razorpay payment gateway, implemented bug fixes and performance optimizations, and applied clean code practices (ESLint/Prettier) to deliver secure, maintainable solutions.

AI and ML Internship (Virtual) EduNet Foundation

Jun 2024 - Jul 2024

- Deployed a Linear Regression model for Employee Burnout Analysis with 92% accuracy.
- Used data preprocessing and feature engineering techniques in Python to improve model accuracy.

Projects

Shopify E-Commerce Web App

[Link to Demo](#)

- Developed and deployed a full-stack e-commerce platform using React (TypeScript), Tailwind CSS, external product APIs, and Node.js/Express, featuring dynamic product listings, secure checkout, and efficient cart management.
- Integrated Razorpay payment gateway and improved application reliability by debugging, optimizing performance, and designing a responsive UI/UX for smooth cross-device user experience.

AI-Assisted ShowTimeGo Web App

[Link to Demo](#)

- Built a full-stack movie ticket booking application with AI chatbot, seat selection, TMDB API integration, and JWT authentication using React (TypeScript), Node.js/Express, and Redux for scalable state management.
- Deployed and optimized a cloud-ready solution with CI/CD and Razorpay integration; enhanced reliability through debugging, performance tuning, and responsive UI/UX design for seamless booking across devices.

Employee Burnout Prediction

[Link to Repo](#)

- Implemented and evaluated a predictive model for employee burn rate, achieving $R^2 = 0.920$ and $RMSE = 0.056$, with robust preprocessing (scaling, feature engineering, train/test split).
- Created an end-to-end, deployment-ready data pipeline, including exploratory analysis (Matplotlib/Seaborn), processed dataset exports, and persisted scaler for reproducible inference.

Education

2022 - 2026	B.Tech CSE at SRM University, AP, Amaravati	(GPA: 7.35/10)
2020 - 2022	Class 12th FIITJEE, Vijayawada (BIE,AP)	(67.1%)
2019	Class 10th Future Kids School, Rajahmundry (ICSE)	(92.16%)

Skills

Programming & CS	Python, Java, C++, DSA, OOPs, OS, DBMS
Frontend	ReactJS, JavaScript, Redux, Type Script, Tailwind, Bootstrap, HTML5, CSS3, Responsive UI/UX
Backend & API	Node.js, Express.js, REST APIs
Databases & Tools	MongoDB (Certified Associate Developer), MySQL, Postman, Git, GitHub, Vercel, Render
Cloud / Deployment	Vercel, Render
AI & ML	Scikit-learn, Pandas, NumPy, Linear Regression, EDA, Data Cleaning