

Vyshnavi Ravuri

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering; CGPA: 8.26/10

Amaravathi

Aug. 2022 – May 2026

Narayana Junior College

Intermediate MPC; Grade: 9.41/10

Guntur

Aug. 2020 – May 2022

EXPERIENCE

Team Lead Intern - [May 2025 – July 2025]

Purple Techno Solutions

India

- Led a 9-member AI content and website development team, managing workflow coordination, quality assurance, and product alignment for an education-focused reels platform (Nano Learn)
- Built core website modules (Login, Signup, Home, User Dashboard, Content Upload) and collaborated on UI/UX design enhancements
- Integrated AI-powered tools to automate video generation from text, streamlining content creation for platform testing and seeding

Intern - Team lead And Founders Office Intern [Apr. 2024 – July 2025]

Prayana Electric

India

- Promoted to Founders Office after 8 months.
- contributed to product strategy, module integration, and roadmap development for a campus mobility application serving universities and corporate facilities
- Built scalable front-end interfaces using JavaScript frameworks, delivering modules from prototype through production deployment
- Developed YOLOv8-based pothole detection system for e-bikes, achieving 40% reduction in detection latency and improving rider safety
- Presented product demonstrations to stakeholders, including pitching to the Chief Minister of Andhra Pradesh.**

PROJECTS

AI-Powered Code Review and Security Scanner / Python, HTML, Streamlit - [Sep 2025 – Dec 2025]

- Designed multi-agent code analysis platform providing real-time review, complexity metrics, and automated security vulnerability detection
- Integrated REST APIs to automate code retrieval, analysis, and recommendation generation, reducing debugging time by 25%

GreenCart E-commerce Platform / React.js, Node.js, Express.js, MongoDB - [Jan 2025 – Apr 2025]

- Built full-stack MERN e-commerce solution for small businesses with product catalog, order management, and secure payment processing
- Implemented JWT authentication, role-based access control, and RESTful APIs for optimized checkout workflows

Digital Disaster Resource Planner (DDRP) / JavaScript, Node.js, SDLC - [SEP 2024 – DEC 2024]

- Architected modular disaster management system enabling real-time resource allocation and data aggregation from government agencies, NGOs, and communities
- Conducted comprehensive testing using White Box and Black Box methodologies; created UML diagrams (Class, Use Case, Sequence)

RESEARCH PUBLICATION

Brain-Computer Interface: Inner Speech Recognition Analysis - [Sep 2025 – Dec 2025]

- Developed RNN-based deep learning models to classify inner speech commands using EEG signal feature extraction techniques
- Optimized preprocessing pipeline, feature engineering, and hyperparameter tuning to achieve high classification accuracy

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, JavaScript, HTML, CSS

Frameworks and Libraries: React.js, Node.js, Express.js, REST API, Git, GitHub

Developer Tools: PyCharm, IntelliJ IDEA, MySQL, Power BI, Visual Studio Code

Machine Learning: Regression, Classification, Clustering, Neural Networks, Statistical Analysis

SOFT SKILLS

Team Leadership, Communication, Problem-Solving, Time Management, Adaptability

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional

June 2025

- Oracle University (ID: OC6474553)

MERN Full Stack Development

Feb. 2025 – May 2025

- Blackbucks Engineers (ID: BBCC2025VIT000309)

AWS Academy Cloud Foundations

Oct. 2024

- Amazon Web Services

LEADERSHIP AND ACHIEVEMENTS

President, The Microwave Maven

Jan 2023 – Jul 2024

- Research and Innovation Club – Coordinated technical projects, facilitated knowledge-sharing sessions, and mentored students

Vice President, Sanskriti Club

Mar 2023 – Apr. 2024

- VIT-AP University – Led cultural initiatives, organized events, mentored club members, and promoted Indian heritage

Student Coordinator

2023 – 2024

- VTAPP 2024 IoT Workshop – Conducted technical training on IoT device fundamentals and mentored participants
- Placement Cell – Facilitated recruitment drives for 6+ companies, supporting peer placement preparation
- VITOPIA 2023 Decoration Committee – Contributed to creative design and event execution

Achievements

- Top 20 Finalist among 50 teams at HACKFEST 2025, Chalapathi Institute of Engineering and Technology
- Participated in Flipkart GRID 6.0 Software Development Track and Unstop Talent Park 2025
- Completed Business Development Specialist Internship at Younity.in (Jan. 2025)