

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)