

Murala Jayanth

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Summary

Full Stack Developer with strong fundamentals in data structures, algorithms, and backend system design. Experienced in building scalable, production-ready web applications using React, Node.js, and databases, with hands-on exposure to CI/CD, cloud deployments, and real-world engineering workflows.

Education

Vishnu Institute of Technology, Bhimavaram

2022 – 2026

Bachelor of Technology in Electronics and Communication Engineering

CGPA: **8.0/10**

Experience

Product Assurance Intern — *Bharat Electronics Limited (BEL)*

Jun 2024 – Jul 2024

[Internship Certificate](#)

- Executed functional and integration testing on embedded defense systems, validating **10+ test scenarios**.
- Identified and documented **high-severity firmware defects**, improving post-fix system stability.
- Coordinated with hardware and QA teams to verify fixes and perform regression testing.

Web Developer Intern — *Devtern*

Mar 2024 – May 2024

[Internship Certificate](#)

- Built responsive web interfaces using HTML, CSS, and JavaScript with clean UI and cross-browser compatibility.
- Integrated frontend components with backend APIs and improved application usability and performance.

Projects

outNow — Multi-Vendor Rapid E-Commerce Delivery Platform

Jun 2024 – Jul 2024

[GitHub](#) | [Live Demo](#)

- Built a scalable multi-vendor e-commerce system supporting **seller onboarding, product catalogs, carts, and orders**.
- Designed RESTful APIs handling **100+ simulated requests/day** with secure authentication and role-based access.
- Integrated Stripe payments and OTP-based login, reducing failed transactions by **10%**.

AI Career Coach — Full-Stack AI Interview & Career Platform

Jun 2025 – Jul 2025

[GitHub](#) | [Live Demo](#)

- Developed an AI-driven career and interview platform serving **50+ users** for resume analysis and AI-driven interview sessions during testing.
- Implemented role-specific interview pipelines using OpenAI APIs and real-time voice agents (Vapi).
- Deployed CI/CD pipelines on Vercel with secure backend validation and error handling.

Cloud-Native Music Streaming Platform

Jul 2025

[GitHub](#)

- Designed a distributed backend using Node.js, MongoDB, and PostgreSQL.
- Implemented Redis caching to reduce API latency and improve content delivery performance.

Technical Skills

Languages	JavaScript, Python, Java, SQL
Frontend	HTML5, CSS3, React.js, Tailwind CSS
Backend	Node.js, Express.js, REST APIs, Authentication
Databases	MongoDB, MySQL, PostgreSQL, Redis
Core CS	Data Structures, Algorithms, OOP, Time & Space Complexity
DevOps & Tools	Git, GitHub, Docker, CI/CD, Vercel, Render, Railway
OS	Linux, Windows

Achievements & Certificates

- 1st Runner-Up**, WAVE-VIT Hackathon 2024 [Certificate](#)
- Top 5 Finalist**, TechSprout-2K25 Coding & Development Event [Certificate](#)
- Full-Stack Development Certification — EduSkills [View](#)