

Murala Jayanth

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Education

Vishnu Institute of Technology, Bhimavaram, India *Sep 2022 – Present*
Bachelor of Technology in Electronics and Communication Engineering

Skills Summary

Languages	JavaScript (ES6+), Python, Java, SQL
Frontend	React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend	Node.js, Express.js, RESTful APIs, Microservices, JWT Authentication
Databases	MongoDB, PostgreSQL, MySQL, Firebase, Redis
AI & Tools	Prompt Engineering, OpenAI API, GitHub Copilot, Git, Postman, Figma, VS Code
Core Skills	Agile Development, Team Collaboration, Problem-Solving, Communication

Projects

Full Stack Music App – Microservice-Based Music Streaming Platform *Jul 2024 – Present*
[GitHub Repository](#)

- Engineered a scalable music streaming platform using a microservices architecture with Node.js, Express, MongoDB, and PostgreSQL.
- Developed a responsive, role-based (User/Admin) frontend using React, TypeScript, and Tailwind CSS.
- Implemented secure RESTful APIs with JWT authentication for song uploads, playlist management, and user actions.
- Integrated Cloudinary for efficient media storage and delivery, and utilized Redis for performance caching.

AI Career Coach – Full-Stack Generative AI Application *Jun 2024 – Present*
[GitHub Repository](#) — [Live Demo](#)

- Built a full-stack career platform using Next.js and the OpenAI API to provide resume parsing, AI-powered chat, and code reviews.
- Implemented secure, passwordless authentication with Clerk and managed asynchronous background jobs using Inngest.
- Developed a robust resume parser that converts PDF content to structured JSON for detailed analysis and AI-driven feedback.
- Designed and deployed a responsive, mobile-first UI with Tailwind CSS on the Vercel platform.

Experience

Product Assurance Intern, Bharat Electronics Limited (BEL), India *Jun 2024 – Jul 2024*
[Internship Certificate](#)

- Partnered with the Quality Assurance team to test and validate high-reliability embedded electronic systems.
- Reduced post-production defects by 10% by identifying, documenting, and tracking system-level bugs.
- Applied rigorous QA methodologies, including test plan reviews, hardware inspections, and compliance reporting.

Achievements

- 1st Runner-Up**, WAVE-VIT Hackathon, 2024 – Awarded for developing an innovative tech solution among 50+ teams. [Certificate](#)
- 5th Place**, TechSprout-2K25 – Secured a top-5 position in an innovative tech and development event. [Certificate](#)

Certifications

- Full-Stack Development (EduSkills) [View Certificate](#) *Awarded Mar 2024*
- Web Developer Intern (Devtern) [View Certificate](#) *Mar 2024 – May 2024*
- Introduction to Cybersecurity (Cisco) [View Certificate](#) *Awarded Jan 2024*