Abishalini G
Full Stack Developer

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Professional Summary

Full Stack Developer with hands-on experience in building and deploying 7+ real-world projects using the MERN stack, Python, and AI integrations. Skilled in developing scalable web applications with real-time features (WebSocket), secure payment systems (Razorpay), and performance-optimized backend services. Recently developed an AI-powered quiz generator using Vue.js and Gemini AI. Passionate about product thinking, solving complex user problems through clean, maintainable code, and crafting intuitive, responsive UIs.

Education

B.Tech in Information Technology	St. Joseph College of Engineering, Chennai
2021 – 2025	CGPA: 8.5
HSC (Higher Secondary Certificate)	St. Joseph's Hr. Sec. School, Chennai
2020 – 2021	Percentage: 87.86%

Technical Skills

Languages/Frontend: Python, JavaScript, React.js, Redux, HTML5, CSS3, Tailwind, Bootstrap
Backend/APIs: Node.js, Express.js, REST, JWT, WebSocket, Razorpay, TMDb
Database/Tools: MongoDB, Mongoose, GitHub, Postman, VS Code, Vercel, Netlify, Firebase
Core: Data Structures, OOP, System Design

Achievements

- Solved 50+ coding problems on HackerRank (Python domain)
- Earned 4 certifications: Python (Basic),Software , SQL (Basic & Advanced) on HackerRank

Projects

SaaS AI Image Generator   GitHub | Demo
Developed a full-stack SaaS platform for AI-based image generation using OpenAI APIs and prompt-to-image logic. Integrated Razorpay with dynamic usage-based billing, achieving 100% transaction success. Implemented async job processing and caching to reduce API latency by 40%. Increased returning user rate by 30% within the first two weeks.

Quiz Generator using Gemini AI   GitHub | Demo
Created an AI-powered quiz generator using Vue.js and Gemini AI, capable of producing 5 unique questions for any CS topic. Designed an intuitive UI and real-time scoring system to improve learning interaction. Leveraged Gemini's REST API with error fallback and loading state optimization. Improved user engagement metrics by 40% and reduced response time by 35%.

Certifications

- Getting Started as a Full-Stack Web Developer — LinkedIn Learning (March 2024)
- Learn the Python Programming Language — Udemy (July 2024)
- Introduction to Software Engineering — IBM Coursera (2025)
- Developing Back-End Apps with Node.js and Express — IBM Coursera (2025)