

Nanu Panchamurthy - Software Engineer (Full Stack)

Summary

Web developer specializing in MERN stack with 2 years of experience, driving measurable business impact through optimized solutions. Currently, pursuing an MS in Computer Science. Focus on systems-thinking and problem-solving to deliver impactful results while leveraging expertise in frontend/backend development.

Contact Information

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Skills

Frontend & Design: JavaScript | TypeScript | React | HTML | CSS | Figma

Backend & Database: Python | Java | Node.js | MySQL | MongoDB | Junit | Git | GitHub

Work Experience

Freelance, India | Full Stack Web Developer | 08/2022–03/2024

- Increased client's e-commerce conversion rate by 45% through implementation of responsive UI/UX design using React.js and CSS Grid, resulting in \$5K additional quarterly revenue
- Automated client's manual data entry by developing Python scripts, saving 20 hours weekly of staff time
- Boosted mobile user engagement 40% by refactoring legacy jQuery code to modern React components
- Created documentation for codebase and APIs, improving onboarding process for client's team
- Built responsive landing pages increasing mobile traffic by 15% using HTML, CSS, and JavaScript
- Displayed strong business acumen by focusing on revenue-generating solutions

Infosys, India | System Engineer | 01/2022–07/2022

- Achieved 10% faster query response times by collaborating with senior DBAs to optimize product inventory queries through index tuning and query restructuring
- Decreased failed API calls by 25% by adding proper exception handling through try-catch blocks
- Demonstrated ability to work within team structures to achieve measurable improvements

Education

Master of Science in Computer Science, Graduation Year 2026 (Expected) | GPA: 4.0/4.0

California State University Dominguez Hills, Carson, CA

Related Coursework: Data Structures and Algorithms, Operating Systems

Bachelor of Technology in Mechanical Engineering, Graduation Year 2020

Andhra University, Visakhapatnam, India

Projects

Posterati: Developed a dynamic movie and TV poster sharing platform leveraging MongoDB, Express.js, React.js, and Node.js to create a seamless user experience. Implemented JWT-based authentication and user sessions for secure access control, while utilizing CSS Grid and Flexbox for responsive layouts across devices. Used GitHub pages and Vercel for CI/CD and hosting.

PlatePal: Engineered a real-time food ordering application using React's component-based architecture integrated with Firebase's real-time database for instant order updates. Adopted mobile-first approach.