

Navitha Nelluri

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SUMMARY

Software Engineer with experience building and supporting production-grade web applications using Python, JavaScript, React, and SQL. Strong expertise in system integration, database optimization, and troubleshooting production issues in fast-paced Agile environments. Proven ability to deliver scalable end-to-end solutions from architecture design to deployment and post-release support.

EDUCATION

California State University

San Bernardino, CA

Graduation Date: Dec 2024

- MS in Computer Science (GPA: 3.7)

- Relevant Coursework: Software Engineering, Algorithms, Data Structures, Operating Systems, Distributed Systems

Malla Reddy Engineering College for Women

Hyderabad, India

Graduation Date: July 2021

- Bachelor of Science (GPA: 3.5)

- Relevant Coursework: Python, Java, Object-Oriented Programming, JavaScript, Operating Systems, HTML, CSS

TECHNICAL SKILLS

- **Languages:** Python, JavaScript (ES6+), SQL, HTML5, CSS3
- **Frontend:** React.js, Tailwind CSS, Component-Based Architecture
- **Backend & APIs:** Node.js, Django, RESTful Services, JSON, WebSockets
- **Databases:** MySQL, PostgreSQL, SQL Query Optimization, Data Modeling
- **Monitoring & Debugging:** Log Analysis, Issue Triaging, Root Cause Analysis, Performance Profiling
- **Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, Jenkins, GitHub Actions
- **Testing:** Jest, Cypress, Unit Testing
- **Concepts:** Data Structures, Algorithms, MVC/MVVM, Asynchronous Programming, Distributed Systems
- **Tools:** Git, GitHub, Webpack, NPM, VS Code

JOB EXPERIENCE

California State University

San Bernardino, CA

Full Stack Web Developer

Jan 2023 – Dec 2024

- Designed and supported scalable full-stack applications using React, Python, and SQL serving 500+ users.
- Optimized complex SQL queries, reducing query latency and improving overall system performance by 30%.
- Delivered end-to-end features from requirements and system design through deployment and post-release support.
- Performed production issue triage by analyzing logs, debugging services, and conducting root cause analysis.
- Collaborated with cross-functional stakeholders to translate business needs into scalable technical solutions.
- Documented troubleshooting procedures and implemented preventative fixes to reduce recurring production issues.

Accenture Solutions Pvt Ltd

Hyderabad, India

Application Development Associate

Aug 2021 – Feb 2023

- Developed and maintained enterprise web applications using React, Node.js, Python, and SQL in Agile environments.
- Integrated distributed systems via RESTful APIs, improving data reliability and accessibility by 25%.
- Wrote complex SQL queries for reporting, backend validation, and production debugging.
- Participated in production incident management including issue triage, troubleshooting, and hotfix deployment.
- Conducted root cause analysis and collaborated across teams to implement corrective and preventative solutions.
- Performed code reviews and unit testing to enhance maintainability and system stability.

DXC Technology

Hyderabad, India

Web Developer Internship

Jun 2020 – Jul 2021

- Automated backend workflows using Python, reducing processing time by 35% and improving efficiency.
- Developed and maintained RESTful services enabling secure and scalable data exchange across systems.
- Resolved integration issues between frontend and backend components to maintain system reliability.
- Refactored legacy scripts into modular components to improve performance and maintainability.

PROJECTS

Food Ordering Website Food Del

June 2023 – Dec 2023

(Stack: React, Tailwind CSS, JavaScript)

- Built a scalable React-based application with component-driven architecture and responsive UI design.
- Implemented optimized state management and lazy loading, improving load performance by 40%.
- Designed reusable components and structured code for maintainability and scalability.

Ecommerce Web Page ECommerce

Jan 2023 – May 2023

(Stack: React, CSS Grid)

- Developed a mobile-first ecommerce interface using modern React and CSS Grid layouts.
- Improved application efficiency by 25% through code splitting and performance optimization.
- Focused on accessibility, responsiveness, and clean UI architecture.