Pranideep Reddy Nayaki

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EDUCATION

KENT STATE UNIVERSITY *Aug 2023 – Dec 2024*
Master of Science in Computer Science (GPA: 4.0/4.0)

JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY HYDERABAD *Aug 2017 - July 2021*
Bachelor of Technology in Computer Science and Engineering (CGPA: 8.35/10)

WORK EXPERIENCE

CENTER FOR SOCIETAL ASPIRATION, USA | Software Development Specialist *Sep 2024 – Dec 2024*
- Contributed to the development of a full-stack application using Java, React.js (TypeScript), and MongoDB, improving checkout process efficiency by 15% through code optimization and refactoring.
- Optimized backend APIs, reducing response times by 30% through database indexing and schema enhancements.
- Integrated Spring Security with JWT and OAuth for secure user onboarding.
- Mentored 3 junior developers in Java best practices, improving team productivity and code quality by 20%.

ACCENTURE, India | Software Engineer *Sep 2021 – July 2023*
- Developed and maintained RESTful APIs using Java, Spring, React, and MySQL, supporting 100,000+ monthly users and handling 500k daily requests with 99.9% uptime.
- Led the re-architecture of a multi-page web app into a single-page application, driving a $1.4M annual revenue increase.
- Automated unit and integration tests with JUnit in CI/CD pipeline, enhancing code reliability and reducing bugs.
- Optimized MySQL architecture and Azure VMs setup, improving data retrieval speed, performance, and reducing downtime by 25%, driving $500K in revenue.
- Assisted in migrating monolithic application to microservices, boosting performance and 20% YoY revenue growth.
- Resolved 95% of issues within SLA by optimizing functionality and providing user support.

COGNIZANT, India | Software Engineer Intern *Mar 2021 – July 2021*
- Contributed to designing a scalable banking platform, increasing database performance by 20%.
- Automated testing and deployment scripts, reducing manual efforts by 15% and improving project efficiency.
- Migrated the application to AWS Infrastructure, utilizing EC2, S3, and RDS to enhance scalability and performance.
- Spearheaded product development with Agile and Scrum, delivering software half a quarter ahead of schedule.

INIESTA WEBTECH SOLUTION, India | Web Developer Intern *April 2020 – May 2020*
- Revamped UI and dashboard with advanced data input and customer validation, boosting user engagement by 25%, and integrated Redis caching to improve API response times by 20%.
- Optimized Grocery App using C# and mathematical models, improving processing time by 15%.
- Conducted code reviews, peer programming, and maintained REST API documentation with Swagger UI.

PROJECTS

Expense Tracker - Personal Finance Management *Dec 2023 – May 2024*
- Directed development of the expense analytics dashboard for users' spending insights.
- Improved application responsiveness, reducing page load times by 15% through frontend optimizations.

Plant Disease Detection Using Machine Learning *Aug 2023 – Nov 2023*
- Built a CNN model for plant disease detection with 88.19% accuracy, tested in real-world conditions.
- Launched AI-driven crop diagnostics platform, cutting disease losses by 25% and boosting yield by 15%.

TECHNICAL SKILLS

Programming Languages	: C/C++, Java, Python, HTML5/CSS3, JavaScript, TypeScript, SQL
Frameworks	: ReactJS, Flask, Spring Boot, RESTful APIs, Next.js
Testing and Quality Assurance	: JUnit, Postman, Swagger, Mockito, Unit Testing, Jenkins, Splunk
Developer Tools	: Azure, AWS, Git, GitHub, Docker, Visual Studio, IntelliJ, Eclipse, Linux
Development Methodologies	: Agile, Scrum, Waterfall, SDLC, Kanban
Other Skills	: JIRA, Data Structures and Algorithms, Algorithm Design
Soft Skills	: Communication and Presentation Skills, Team Collaboration, Problem-Solving

CERTIFICATIONS

- Microsoft Certified: Azure Security Technologies (AZ-500), Azure Fundamentals (AZ-900), Azure Data Fundamentals (DP-900), Power Platform Fundamentals (PL-900), and Security, Compliance, and Identity Fundamentals (SC-900).