

Pranideep Reddy Nayaki

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EDUCATION

KENT STATE UNIVERSITY

Aug 2023 – Dec 2024

Master of Science in Computer Science (GPA: 4.0)

GEETANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

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 – Present

- Collaborated on a full-stack application using Java, React.js (TypeScript), and MongoDB, boosting scalability by 25% and improving data management by 40%.
- Optimized backend APIs, reducing response times by 30% through database indexing and schema enhancements, and integrated Spring Security with JWT and OAuth for secure user onboarding.
- Supported the Automation of CI/CD pipelines with Jenkins and GitHub Actions, reducing deployment time from 4 days to 1 day and increasing deployment efficiency by 60%.
- Created user documentation that enhanced onboarding, reduced support requests by 35%, and ensured JUnit code quality.

ACCENTURE, India | Software Engineer

Sep 2021 – July 2023

- Developed and maintained key features for a security system using Java, Spring Boot, JavaScript, React.js, and MySQL enhancing secure user authentication and real-time monitoring, resulting in a 25% boost in operational efficiency.
- Led the re-architecture of a multi-page web app into a single-page application, driving a \$1.4M annual revenue increase.
- Enhanced application performance by 12% by developing RESTful APIs with Spring MVC, slashing response times and minimizing downtimes.
- Achieved 95% test coverage using Mockito and Selenium, integrating tests into the CI/CD pipeline. Conducted code reviews, peer programming, and maintained REST API documentation with Swagger UI.
- Optimized MySQL architecture and orchestrated Azure VMs setup, improving data retrieval speed by 35%, system performance by 40%, and reducing downtime by 25%, driving a \$500K revenue increase.

COGNIZANT, India | Summer Intern

Mar 2021 – July 2021

- Contributed to designing a scalable e-commerce platform under senior developers' guidance, boosting database performance by 30% and responsiveness by 20%.
- Automated testing and deployment scripts, reducing manual efforts by 50% and improving project efficiency.
- Implemented Apache Kafka for real-time event processing, improving system resilience and throughput by 30%.
- Engineered microservices architecture, boosting scalability & feature delivery by 30%, driving 20% YoY revenue growth.

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%.
- Deployed user feedback loops and analytics, leading to a 10% improvement in user experience and satisfaction.
- Worked on the migration of the Grocery Application to a monolithic architecture, enhancing service modules and data validation, which boosted user engagement by 25% and cut project completion time by 15%.

PROJECTS

Expense Tracker - Personal Finance Management / Java, MySQL, JavaScript, ReactJS

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 front-end optimizations.

Plant Disease Detection Using Machine Learning / ML, Python, JavaScript, Flask

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
Developer Tools	: Azure, Git, GitHub, Docker, Visual Studio, Google Colab, IntelliJ, Eclipse, Wix Studio
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

ACHIEVEMENTS AND OTHERS

- 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).
- Certified in Core Java - Pre-Edu Program, EPAM Systems India Pvt Ltd.