

# 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 – 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.
- Automated CI/CD pipelines with Jenkins and GitHub Actions, cutting deployment time from 4 days to 1 day.
- 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 key security features with Java, Spring Boot, React, and MySQL, improving user authentication and real-time monitoring, and boosting operational efficiency by 25%.
- Led the re-architecture of a multi-page web app into a single-page application, driving a \$1.4M annual revenue increase.
- Built RESTful APIs with Spring MVC, increasing performance by 12% and reducing response times.
- 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 Azure VMs setup, improving data retrieval speed by 35%, performance by 40%, and minimizing downtime by 25%, driving \$500K in revenue.

### COGNIZANT, India | Software Engineer Intern

Mar 2021 – July 2021

- Contributed to designing a scalable e-commerce platform under senior developers' guidance, increasing 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, advancing system resilience and throughput by 30%.
- Engineered microservices architecture, enhancing feature delivery by 30%, resulting in 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.
- Migrated the Grocery Application to a monolithic architecture, cutting project completion time by 15%.

## 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
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

## 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).