

# Pranideep Reddy Nayaki

[n.pranideepreddy1999@gmail.com](mailto:n.pranideepreddy1999@gmail.com) | +1 (914) 830 8042 | [LinkedIn](#) | [Portfolio](#) | Redmond, WA 98052

## 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

- Played a key role in the development of a full-stack application using Java, React.js (TypeScript), and MongoDB, streamlining 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 authentication.
- Mentored 3 junior developers in Java best practices, improving team productivity and code quality by 20%.

### ACCENTURE, India | Software Engineer

Sep 2021 – July 2023

- Engineered 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%.
- Streamlined testing and deployment workflows, 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%.
- Enhanced the 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).