Pranideep Reddy Nayaki

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EDUCATION

Kent State University   Kent, OH
Master of Science in Computer Science   *Aug. 2023 – Dec. 2024*

Geethanjali College of Engineering and Technology   Hyd, India
Bachelor of Technology in Computer Science and Engineering   *Aug. 2017 – July 2021*

EXPERIENCE

Custom Software Engineering Associate   Sep. 2021 – July 2023
Accenture   *Hyd, India*

- Developed and maintained critical features for a security systems project using Java, Spring Boot, JavaScript, and React.js. Implemented secure user authentication, real-time event monitoring, and user-friendly dashboards, improving operational efficiency by 25%.
- Contributed to re-architecting a multi-page web application into a single-page application, resulting in a $1.4M increase in annual revenue.
- Enhanced application performance by 12% through the development of RESTful APIs with Spring MVC, reducing response time and minimizing service downtimes.
- Automated security tasks and operations using Java-based backend scripts, decreasing manual workload by 40%.
- Achieved 95% code coverage with JUnit automation, integrating testing into the CI/CD pipeline. Conducted code reviews, peer programming sessions, and maintained REST documentation using Swagger UI.
- Improved system performance by 40% and decreased downtime by 25% through the implementation of Azure infrastructure services for development and deployment management.
- Optimized database schema and queries, enhancing application performance and scalability by 20%.
- Collaborated with cross-functional teams to deliver high-quality solutions aligned with business goals, resulting in a 20% increase in customer satisfaction.

Student Intern   Mar. 2021 – July 2021
Cognizant   *Hyd, India*

- Built responsive GUI pages with JavaScript, HTML, and CSS expertise.
- Assisted in designing a scalable e-commerce platform with Java and MySQL under senior developers' guidance, boosting database performance by 30% and responsiveness by 20%.
- Implemented features that led to a 40% decrease in user-reported bugs and issues.
- Managed project coordination, met tight deadlines, and ensured smooth workflow.

Web Developer Intern   Apr. 2020 – May 2020
Iniesta Webtech Solutions   *Remote, India*

- Assisted in the development of service modules for the Grocery Application.
- Enhanced UI and user dashboard with advanced data input and robust customer data validation, leading to a 25% increase in user engagement.
- Participated in team meetings and code reviews to enhance technical skills.
- Contributed to the software development lifecycle, reducing project completion time by 15%.

PROJECTS

Expense Tracker - Personal Finance Management | *Spring Boot, MySQL, JavaScript*
- Led 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 | *ML, Python, JavaScript, Flask*
- Engineered and optimized a CNN model for corn plant disease detection, achieving 88.19% accuracy, and conducted real-world testing for robust performance.
- Developed and integrated an intuitive web platform to receive AI-powered disease diagnoses, ensuring timely and actionable insights for crop health management.

Minimal College Website | *HTML, CSS, MySQL, JavaScript*
- Contributed to a web-based project encompassing three modules - student, faculty, and admin.
- Responsible for designing web pages and integrating data to the MYSQL server of the student portal which provides information about attendance, results, and subject materials.

Technical Skills

Programming Languages: Java, C/C++, SQL, JavaScript, HTML5/CSS3
Frameworks: ReactJS, Flask, JUnit, Spring Boot
Testing and Quality Assurance:: JUnit, Postman, Swagger, Mockito, Sonar, Unit Testing
Developer Tools: Git, Docker, VS Code, Visual Studio, Google Colab, IntelliJ, Eclipse
Operating System: MacOS, Windows, Linux
Software Development Methodologies: Agile, Scrum, Waterfall, SDLC
Other Skills: JIRA, Data Structures and Algorithms, Problem-Solving and Critical Thinking
Soft Skills: Communication and Presentation Skills, Code Review and Quality Assurance

ACHIEVEMENTS AND OTHERS

- Certified in Microsoft 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).

- Recognition for successful completion of Java stream training and assessment in Tech Expressway Program (Accenture).

- Certified in Core Java through the Pre-Education Program by EPAM Systems India Pvt Ltd, demonstrating strong foundational and advanced Java skills.

- Organized an event called "Code-e-thon" in BHASWARA, the department technical fest.