ROSHINI SEELAMSETTY

Fort Wayne, Indiana

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Objective

Graduate student in Computer Science seeking a software development internship to apply expertise in full-stack development, database management, and software testing.

Education

Purdue University	**Jan 2024 – Dec 2025**
Master's, Computer Science	*GPA: 4.0/4.0*
Vignan College	**Aug 2019 – Jun 2023**
Bachelor's, Computer Science	*GPA: 3.6/4.0*

Professional Experience

Accenture	**Aug 2023 – Dec 2023**
Packaged App Development Associate	*Bangalore*

- Developed and maintained software solutions, optimizing system efficiency by 30%.
- Led debugging and troubleshooting efforts, resolving 50+ technical issues.
- Utilized GitHub for version control and automated workflows, improving deployment speed.
- Conducted code reviews and provided constructive feedback to peers.

DeepLoop	**Jan 2022 – Dec 2022**
Software Development Intern	*Hyderabad*

- Assisted in building cloud-based applications, improving platform scalability by 25%.
- Collaborated with a team to design and implement new software features.
- Wrote and executed unit and integration tests, ensuring 95%+ adherence to quality standards.
- Assisted in containerizing applications using Docker and deploying them on Kubernetes, improving deployment efficiency.

Skills

Programming: JavaScript (ES6+), Python, Java, HTML5, CSS3
Web Technologies: React, Django, Node.js, RESTful APIs
Machine Learning: Scikit-learn, TensorFlow, Keras, NLP, Computer Vision
Tools & Technologies: Git, Visual Studio Code, Docker, Kubernetes, MySQL

Academic Projects

AgileMusT: Incremental Mutation Testing Framework - Developed lightweight mutation testing framework reducing execution time by 50% with Git-based change detection and Visual Studio Code integration.

Decoding Bias: Societal Stereotypes in Language Models - Conducted bias analysis across GPT-2, GPT-3, and LLaMA-2 using 35+ targeted prompts, achieving 52% reduction in gender bias.

MastodonHub - Full Stack Social Media Platform - Designed scalable features using React and Django with RESTful APIs, improving response time by 30%.

Book Recommendation System - Developed ML-based recommendation engine with optimized preprocessing, reducing system latency by 20%.

Food Management System - Built Java-based system using Vaadin framework, reducing food wastage by 25% and improving order accuracy by 20%.

Chatbot for Academic Purpose - Created interactive chatbot handling 200+ queries per day, reducing student inquiries by 30%.

Volunteer Management App - Designed mobile application using FlutterFlow.io, onboarding 500+ volunteers and reducing coordination time by 50%.