

# ROSHINI SEELAMSETTY

Fort Wayne, Indiana

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## Objective

Computer Science graduate student (graduating December 2025) seeking a full-time software development role to leverage expertise in full-stack development, machine learning, and cloud technologies to build scalable software solutions.

## Education

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

## Professional Experience

<b>Accenture</b> <i>Packaged App Development Associate</i> <ul style="list-style-type: none"><li>Developed and maintained software solutions, optimizing system efficiency by 30%.</li><li>Led debugging and troubleshooting efforts, resolving 50+ technical issues.</li><li>Utilized GitHub for version control and automated workflows, improving deployment speed.</li><li>Conducted code reviews and provided constructive feedback to peers.</li></ul>	<b>Aug 2023 – Dec 2023</b> <i>Bangalore</i>
<b>DeepLoop</b> <i>Software Development Intern</i> <ul style="list-style-type: none"><li>Assisted in building cloud-based applications, improving platform scalability by 25%.</li><li>Collaborated with a team to design and implement new software features.</li><li>Wrote and executed unit and integration tests, ensuring 95%+ adherence to quality standards.</li><li>Assisted in containerizing applications using Docker and deploying them on Kubernetes, improving deployment efficiency.</li></ul>	<b>Jan 2022 – Dec 2022</b> <i>Hyderabad</i>

## Skills

**Programming:** JavaScript (ES6+), Python, Java, HTML, CSS, C++  
**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

<b>AgileMusT: Incremental Mutation Testing Framework</b>   <i>Git, Visual Studio Code</i> <ul style="list-style-type: none"><li>Developed lightweight mutation testing framework reducing execution time by 50% with Git-based change detection and Visual Studio Code integration.</li></ul>	<b>2025</b>
<b>Decoding Bias: Societal Stereotypes in Language Models</b>   <i>Python, TensorFlow</i> <ul style="list-style-type: none"><li>Conducted bias analysis across GPT-2, GPT-3, and LLaMA-2 using 35+ targeted prompts, achieving 52% reduction in gender bias.</li></ul>	<b>2025</b>
<b>MastodonHub - Full Stack Social Media Platform</b>   <i>React, Django</i> <ul style="list-style-type: none"><li>Designed scalable features using React and Django with RESTful APIs, improving response time by 30%.</li></ul>	<b>2024</b>
<b>Book Recommendation System</b>   <i>Python, Scikit-learn</i> <ul style="list-style-type: none"><li>Developed ML-based recommendation engine with optimized preprocessing, reducing system latency by 20%.</li></ul>	<b>2024</b>
<b>Food Management System</b>   <i>Java, Vaadin</i> <ul style="list-style-type: none"><li>Built Java-based system using Vaadin framework, reducing food wastage by 25% and improving order accuracy by 20%.</li></ul>	<b>2024</b>
<b>Chatbot for Academic Purpose</b>   <i>Python, NLP</i> <ul style="list-style-type: none"><li>Created interactive chatbot handling 200+ queries per day, reducing student inquiries by 30%.</li></ul>	<b>2024</b>
<b>Volunteer Management App</b>   <i>FlutterFlow</i> <ul style="list-style-type: none"><li>Designed mobile application using FlutterFlow.io, onboarding 500+ volunteers and reducing coordination time by 50%.</li></ul>	<b>2024</b>