

EDUCATION

North Carolina State University, Raleigh, NC.	May 2026
Master of Computer Science	GPA: 3.67/4
Coursework: Data Science, Neural Networks, Software Engineering, Design and Analysis of Algorithms, Generative AI for Software Engineers.	
KLS Gogte Institute of Technology, Karnataka, India.	June 2023
Bachelor of Engineering in Computer Science	GPA: 9.22/10
Coursework: Data Structures, AI/ML, Object-Oriented Programming, Unix Shell, Robotic Process Automation	

TECHNICAL SKILLS

Languages: C, Java, SQL, Python.	Tools/Technologies: Spring Boot, REST APIs, Docker, Postman, Confluence, Jira, Slack, PyTest, Pandas, DataFrame, OpenCV, ScikitLearn, Matplotlib, Tableau, Gemini API, BigQuery, PubSub, UiPath, Playwright, Cucumber.
Web Development: HTML, CSS, JavaScript, ReactJS, NodeJS, Ruby on Rails.	Operating Systems: Windows, Mac, Linux (Unix).
Databases: SQL Server, MySQL, PostgreSQL, Django, NoSQL.	
Cloud Services: Google Cloud Platform (GCP).	

PROFESSIONAL EXPERIENCE

Software Engineer Intern   Elsevier, United States.	June 2025-Aug 2025
<ul style="list-style-type: none"><li>Developed and integrated a UI automation framework using Playwright and Cucumber, implementing Gherkin-based test scenarios to streamline regression testing.</li><li>Collaborating in Agile sprints with cross-functional teams, implementing behavior driven development (BDD) based scenarios.</li><li>Generated automated HTML reports using cucumber-html-reporter, improving test coverage tracking and reducing manual testing effort.</li><li>Collaborated with QA engineers to optimize testing speed, consistency, and efficiency across multiple sprints.</li></ul>	
Associate Back End Software Engineer   Falabella, India.	Aug 2023-May 2024
<ul style="list-style-type: none"><li>Developed and maintained backend microservices that orchestrated over 1000+ stock transfers daily within the Home-Delivery platform, leveraging Agile methodologies to achieve weekly sprint goals.</li><li>Designed and implemented scalable logistics solutions using Java Spring Boot, REST APIs, and Google Cloud’s Pubsub with Postgresql demonstrating ability to quickly adopt and apply cutting-edge technologies</li><li>Ensured code quality through test driven development (TDD) with 92% unit test coverage using JUnit with Mockito to deliver reliable and efficient systems.</li><li>Proactively resolved production issues, ensuring smooth inbound stock operation workflows with minimal downtime.</li><li>Delivered over 5 knowledge transfer sessions, facilitating the seamless transition of ongoing projects to new teams, ensuring 100% project continuity and long-term maintainability.</li><li>Collaborated with multicultural teams across 4 countries (India, Peru, Chile, and Colombia) using GitLab for version control.</li><li>Documented key processes and workflows in Confluence and integrated them with Jira for seamless task tracking and project management, ensuring clear communication and knowledge sharing across the team.</li></ul>	
Software Engineer Intern   Falabella, India.	Feb 2023-July 2023
<ul style="list-style-type: none"><li>Developed a dynamic label design application with ReactJS, REST APIs, Java (Spring Boot), and PostgreSQL, enabling drag-and-drop customization. Improved efficiency by 60-66%, cutting label generation time from 10-12 days to 4-5 days. Awarded Best Final Year Research Project at Project-Expo 2023.</li><li>Automated web data scraping for the LogiScrape project using Python &amp; Selenium, optimizing import chain digitalization for Falabella Group, enhancing transparency and efficiency in global trade.</li></ul>	

PROJECTS

Weapon Detection Using Neural Networks   Deep Learning Project	March 2025
Designed an object detection system using Faster R-CNN to accurately identify weapons (guns, knives) in images, showcasing advanced deep learning and computer vision skills. Preprocessed a custom dataset, fine-tuned hyperparameters, and evaluated performance with precision, recall, and mAP metrics; applied systematic debugging and problem-solving strategies aligned with enterprise engineering practices.	
Movie Ticketing System   Ruby on Rails Project	February 2025
Developed a scalable, secure full-stack ticketing system with Ruby on Rails; implemented role-based access control and dynamic showtime management. Integrated modern UI/UX principles and agile practices; leveraged version control (Git) for feature branching, demonstrating readiness for collaborative enterprise projects.	
Recipe Recommender   AI Enhanced Web application	October 2024
Developed an open-source feature-rich recipe recommender app leveraging ReactJS, NodeJS, and Firebase for user authentication, database management. Integrated the Gemini API for real-time recipe searches powered by NLP, enabling personalized recipe recommendations.	