BHANU SAISREE THANNIRU

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EDUCATION

University of North Carolina at Charlotte *Jan 2024 – Dec 2025*
Master of Science – Computer Science, CGPA: 4.0
Software System Design and Implementation, Network-based Application Development, Algorithms and Data structures

Vignan's Lara Institute of Technology and Science *Jul 2016 – Sep 2020*
Bachelor Of Technology – Information Technology, CGPA: 3.52
C, C++, Java, Python, Data structures, Database Management System, Web Technologies, Operating Systems

TECHNICAL SKILLS

Programming Languages	:	C, Java, Python
Web Development	:	JavaScript, jQuery, Node.js, TypeScript, React
Frameworks	:	Hibernate, Spring, Spring Boot, Bootstrap, Angular
Databases	:	MySQL, PostgreSQL, MongoDB
Cloud & Tools	:	Azure, GitHub, Git, Postman, Eclipse, Visual Studio code, Jira, Docker
Workflow Tool	:	Joget

EXPERIENCE

University of North Carolina at Charlotte

Graduate Teaching Assistant *Mar 2024 – Present*
- Assisting students with the "Web App Design and Development" course.
- Grading assignments and providing support and guidance to students during lab sessions to facilitate their learning.
- Assisted students with the "Introduction to Computer Systems" course, graded assignments.

Capgemini Technology Services India Limited *Feb 2021 – Jan 2024*

Senior Software Analyst
- Developed process management applications using business process and workflow management tool, enhancing system performance and scalability by 20% for a luxury automotive manufacturer and heavy-duty truck manufacturing leader.
- Trained in Java Full Stack with Angular as part of on-boarding training at Capgemini. Led a technology modernization project through a workflow-based platform, streamlining the organizational structure.
- Developed, tested, and deployed six applications to optimize business processes, providing ongoing support and maintenance.
- Overcame challenges with the workflow tool, independently managed the project, and delivered key features, earning client appreciation.
- Collaborated with clients to understand requirements, designed workflows, built dashboards, developed user interfaces using Java, CSS, JavaScript, and jQuery.
- Demonstrated leadership in agile teams by guiding new joiners, shaping the team structure, contributed to code reviews, and facilitating knowledge-sharing sessions.

PROJECTS

Personal Budget Planning Application *Mar 2024 – May 2024*
- Developed a budget management application which allows users to track the income, expenses and budget with an intuitive user interface.
- Developed using Node.js as a backend, Angular as a front-end framework, Firebase for authentication.

Online Pizza Ordering Application *As part of L&D Training at Capgemini*
- Developed a web application for ordering pizza online, as a part of training assessment.
- Developed using Spring Boot as a backend framework, oracle as a database and Angular as a front-end framework. Provided CRUD operations for the pizzas for administrative purposes.

Secret Sharing Using Python *Oct – 2019*
- Divided a secret into different parts and each part is called a share.
- Distributed these shares among different people so that the original message is not known to any one of the shareholders and the original message is retained only when combined threshold number (minimum value required to combine) or a greater number of shares.