

EDUCATION

Masters in Computer Science , University Of Central Missouri	Jan 2025– December 2026
Bachelor's of Computer Science & Engineering , Vignan's Nirula Institute Of Technology &Science	Aug 2018 – Jul 2022

WORK EXPERIENCE

Student Library Assistant <i>Vignan's Nirula Institute of Technology and Science – University Library, India</i>	Aug 2018 – Mar 2022
<ul style="list-style-type: none">Worked part-time for 3.5 years, promoted from Floor Assistant to Front Desk Student Worker.Assisted patrons at the Information Desk using the automated circulation system for check-in/check-out services.Supported users with public printing systems and responded to basic technical issues.Handled phone and in-person inquiries, forwarding to appropriate departments as needed.Recorded daily usage and statistics; maintained confidentiality of patron data.Managed opening and closing duties, equipment checks, and emergency support procedures.	
Athletics Game Day Staff University of Central Missouri	Jan 2025 – Present
<ul style="list-style-type: none">Sell and scan tickets at event gates, handle both cash and card transactions.Greet and assist guests, providing excellent customer service before and during eventsManage opening and closing tasks including setup, breakdown, and safety checks.Record daily statistics, report facility or guest issues to supervisors.	
Temporary Student Worker – Custodian University of Central Missouri, FPO , Warrensburg, MO	May 2025 – Aug 2025
<ul style="list-style-type: none">Cleaned and maintained residence halls and common areas.Disposed of trash, sanitized restrooms, and followed hygiene protocols.Used custodial equipment safely and completed tasks on schedule.	
Software Engineer , Wipro	March 2022 – Dec 2024
<ul style="list-style-type: none">Migrated legacy UI components to Tailwind CSS, enhancing maintainability and load speed.Designed and implemented reusable, accessible UI components with React.js, improving user interaction speed by 35%.Collaborated with designers and backend teams to ensure pixel-perfect UI aligned with the design system.Produced clear documentation and digital guides for end-users, supporting training and onboarding.Monitored user engagement data and feedback, adjusting design/content strategies to enhance interaction.Contributed to company-wide design systems and reusable libraries, saving 25% development time for new modules.	
<ul style="list-style-type: none">Library Systems & Campus Tools: Automated Circulation Systems, Dewey Decimal & Library of Congress Classification, WEPA Printing SupportContent & Digital Tools: Social Media Management, Content Writing, Digital Marketing Basics, NewslettersCommunication & Engagement: Customer Service, Professional Correspondence, Cross-Cultural CommunicationFrontend, Backend & APIs:: React.js, JavaScript , HTML5, CSS3, Tailwind CSS, Responsive UI Design, Java, Spring Boot, REST APIs, MySQL, PostgreSQL, SQLTools: Excel, Google sheet, MS Word, Git, Docker, Postman, JIRA, Jenkins, Octane Pro Tool, Figma (basic)	

Publications Projects
Salt body segmentation based on edge detection using deep supervised learning [Research Link](#)

- Pioneered a deep-supervised convolutional neural network (CNN) architecture for accurate segmentation of salt bodies in seismic images, improving geophysical exploration efficiency by 25%. Introduced an additional edge-prediction branch to enhance feature learning using boundary loss guidance.
- Utilized the Sigmoid activation function to achieve accurate binary masks of salt body regions. Focused within the realm of optical imaging, model learning, and energy exploration automation