

Summary

Versatile and detail-oriented Computer Science graduate student with hands-on experience in full-stack development, cloud deployment (AWS, Docker), and agile project management. Skilled in designing scalable applications, automating workflows, and maintaining infrastructure reliability. Proven ability to coordinate cross-functional teams using tools like Jira and GitHub while ensuring on-time project delivery. Strong foundation in programming (Python, JavaScript), DevOps practices, and stakeholder communication — well-prepared to contribute to software, infrastructure, or project execution in fast-paced environments.

Education

Saint Louis University	Master of Science in Computer Science	3.90 GPA	Aug 2023 – May 2025
Kakatiya Institute of Technology and Science	Bachelor of Technology in Computer Science	3.65 GPA	Aug 2019 – May 2023

Projects

Built & Deployed a Travel Landing Page

- Developed and deployed a performant web app using **Next.js, React, Tailwind CSS, and TypeScript**, following modern frontend architecture practices.
- Set up **CI/CD with GitHub Actions** and deployed the app via **Docker on AWS EC2**, automating release cycles and improving **deployment reliability by 40%**. Tracked frontend performance metrics and optimized UI responsiveness across devices, reducing load time by 30%.

Developed Event Management system (UEMS) employing Agile methodology

- Developed a **University Event Management System (UEMS)** using **PHP, MySQL, HTML, and CSS**, automating event organization and improving efficiency. Deployed with **Docker**, implemented **CI/CD pipelines**, and managed tasks using **Jira and GitHub**, ensuring seamless collaboration and faster deployments.
- Managed backend workflows and deployment using **Docker and Jira**, ensuring **100% task completion rate during weekly sprints**. Reduced event coordination time by **50%** through automation and real-time task tracking.

Open-Source Website Development and UI/UX Enhancement through GitHub

- Contributed to multiple static and dynamic frontend repositories using **React, JavaScript, and HTML/CSS**, with a focus on **UI/UX and issue-based fixes**.
- Collaborated with global maintainers during **Hacktoberfest** to improve documentation, troubleshoot bugs, and resolve pull requests efficiently.

Achievements: Actively contributed to Hacktoberfest 2024, enhancing UI/UX for open-source projects. Earned a Holopin **Level 4 Contributor Badge** and **Pull Shark Badge** for successful pull requests and meaningful contributions.

Work Experience

Software Developer Intern, SGX3 Summer Experience Program, University of Texas, Austin **June 2025 – Aug 2025 (upcoming)**
Tools & Tech: Python, Bash, Rest API's, Docker, Git, CI/CD

- Contributing to the **"Expanding the DesignSafe Experience"** project to enhance the **user dashboard for natural hazards research, integrating custom quick links, AI-based personalization, and research-driven data tools**.
- Utilizing technologies including **React, Python, Tapis, Docker, and REST APIs** to improve UI/UX and automate user-specific recommendations.
- Collaborating with the **Advanced Computing Interfaces (ACI)** group to develop scalable, impactful tools that support thousands of researchers in high-performance computing and cyberinfrastructure.

Information Technology Intern, Blackmore Partners Inc, Chicago (Remote)

Sep 2024 – April 2025

- Led **IT support and troubleshooting**: Managed daily technical issues, implemented infrastructure improvements, optimized the company's **CRM systems** for efficiency. **Automated tasks** using software such as Infusionsoft and **Power Automate**.
- Managed virtual team operations and resolved **90% of tech issues independently, boosting support efficiency**. Organized virtual **Company meetings presented weekly progress on tasks**. Utilized tools from the **Microsoft Suite, including Excel** for data analysis and Outlook for communication, streamline workflows and increase productivity.

Achievements: Resolved **90% of technical issues** on the first attempt, significantly reducing ticket resolution time during my internship. Streamlined system operations by identifying and **addressing CRM inefficiencies, improving team productivity by 15%**.

Operations Assistant, Campus Recreation and Wellness, Saint Louis University, MO

May 2024 - Present

- Handled data entry, tracked facility metrics, and ensured policy compliance across CRM platforms, reducing user check-in errors by **25%**.
- Delivered **high-quality customer support and front desk coordination, maintaining a 95% satisfaction score** from visitors.

Skills

Python, R, SQL, CRM Systems, Figma, Microsoft Excel, Data Visualization (matplotlib, seaborn, ggplot2), Machine Learning (scikit-learn, statsmodels, CatBoost), Statistical Modeling, Predictive Analytics, Time Series Analysis, Logistic Regression, Decision Trees, Random Forests, Neural Networks, Git/GitHub, CI/CD Pipelines (GitHub Actions, Docker), Cloud Platforms (AWS SageMaker, Vercel), Data Cleaning & Manipulation, Jupyter, RESTful APIs, Agile Methodologies (Scrum, Jira), Communication Skills, Team Collaboration, Problem-Solving, Attention to Detail, Customer Support, Frontend Development (Next.js, React, JavaScript), Containerization.