

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	<i>Master of Science in Computer Science</i>	<i>3.89 GPA</i>	Aug 2023 – May 2025
Kakatiya Institute of Technology and Science	<i>Bachelor of Technology in Computer Science</i>	<i>3.65 GPA</i>	Aug 2019 – May 2023

Projects

Built & Deployed a Travel Landing Page

- Engineered and deployed a Travel Landing Page using **React, Next.js, TypeScript, and Tailwind CSS**, leveraging **component-based architecture** for scalability. **Containerized the application with Docker** and **hosted it on AWS EC2** with Elastic IP, ensuring a stable and cloud-optimized deployment.

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.
- Enhanced event coordination by **reducing manual effort and streamlining workflows**, providing a real-world software development experience with **Agile methodologies, DevOps practices, and full-stack development**.

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

- Contributed to **10+ static and dynamic websites** using **HTML, CSS, JavaScript, and React**, including interactive interfaces for machine learning models.

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

Information Technology Intern, Blackmore Partners Inc, Chicago (Remote) Sep 2024 – Present

- 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 conferences and reporting: Organized virtual company meetings, presented weekly progress on tasks, and utilized **Microsoft Suite** for reporting and collaboration. 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

- Utilized **CRM systems** to manage facility access, monitor fitness spaces, and maintain accurate records of equipment use.
- Enhanced member and guest experience** by answering inquiries, greeting visitors, and educating patrons on department policies and procedures, ensuring a welcoming and informative environment.

Cybersecurity Essentials, CISCO, India Nov 2022 - Jan 2023

- Engaged in creating LAN (Local Area Network) and WAN (Wide Area Network) configuration with a dedicated team to diagnose and resolve network performance issues. Gained valuable insights into **cybersecurity principles** and effective data security methods.
- Gained foundational knowledge in **cybersecurity principles**, including **data encryption, network security, and regulatory compliance**.

Research Work

Mental Health Illness Data Analysis, Saint Louis University Aug 2024 - Present

- Implementing advanced machine learning algorithms and predictive modeling methods with Python and R to analyze mental health data, drawing meaningful insights to understand the causes and solutions for improved mental health.

Skills

Python, C++, JavaScript, SQL, Containerization (Docker), Software Development, Cloud Computing (Azure, AWS), Full-Stack Development, Version Control (Git), CI/CD Pipelines, Agile Methodologies (Scrum, Jira), Unit Testing, Automation Testing, Code Optimization, Database Management (MySQL, PostgreSQL), Frontend Frameworks (React, HTML, CSS), Problem-Solving, Team Collaboration, Communication Skills, Data Quality Management, Data Preprocessing, Data Security, Privacy Compliance, IT Service Management (ITSM), IT Process Automation.