

SUMMARY

Software Developer with a Master's in Computer Science and hands-on experience designing, building, and maintaining secure, scalable web applications. Proficient in Java, XML technologies, and Agile software development, with a strong foundation in object-oriented principles, structured data processing, and resolving complex issues. Experienced working in collaborative Scrum teams and quick to adapt to proprietary tools and domain-specific platforms. Eager to apply technical and analytical strengths to deliver smart, automated integration solutions for enterprise systems.

SKILLS

Languages: C++, Java, XML, SQL, JavaScript (ES6+), TypeScript, Python, Bash

Object-Oriented Design: Design Patterns, STL, Boost

Frontend: React.js, Next.js, TypeScript with Tailwind CSS

Backend & API Development: Node.js, Express.js, Java (Core, OOP), RESTful APIs, JWT, Spring Security

Database & Caching: PostgreSQL, MySQL, MongoDB, Redis

DevOps & Deployment: Docker, GitHub Actions, CI/CD Pipelines, AWS (EC2, S3, IAM, Lambda), Nginx

Tools & Workflow: Git, GitHub, Jira, Agile/Scrum, Postman, Visual Studio Code, IntelliJ

EDUCATION

Saint Louis University, St Louis, MO

Master of Science in Computer Science

St. Francis College, Hyderabad

Bachelor of Science in Software Engineering

EXPERIENCE

Software Developer - Reality AI Lab, New York

March 2025 – Present

- Developed and maintained full-stack features for AI-driven educational dashboards using modern web technologies and scalable design principles.
- Collaborated with cross-functional teams and clients to gather integration requirements and translate business needs into scalable technical solutions.
- Designed and developed **RESTful APIs** to support seamless data exchange and automation between systems.
- Provided technical support and guidance on integrating internal tools and client-facing **APIs**, ensuring smooth onboarding and troubleshooting.
- Participated in **Agile** development sprints and backlog grooming to prioritize integration features based on user feedback and internal process gaps.
- Improved system performance by optimizing database interactions and integrating intelligent **caching** layers to enhance responsiveness.
- Built modular and reusable **UI** components while collaborating with **UX** designers to improve usability and accessibility across platforms.
- Automated test coverage and integrated **CI/CD** pipelines to deploy containerized applications on **AWS**, ensuring reliability and maintainability.

Full Stack Application Developer - TMFG, St. Louis, MO

September 2024 – February 2025

- Developed a responsive, user-friendly web application using **Next.js**, **React**, and **Tailwind CSS** with a component-driven design approach.
- Developed secure authentication and role-based access control using **JSON Web Tokens (JWT)** and custom middleware in **Node.js**.
- Created **RESTful API** endpoints using **Express.js** and **PostgreSQL** to support core application features such as user management and dashboard data.
- Applied **MVC** architecture to organize backend logic, enhancing code readability and maintainability.

- Deployed the application using Docker containers with **CI/CD** pipelines integrated through GitHub Actions.
- Engaged in iterative development cycles following agile practices; closely collaborated with product teams using **Jira** and sprint planning.
- Developed backend services with strong attention to performance, maintainability, and reusability—skills transferable to domain-specific systems.

IT Support Engineer - Saint Louis University, St. Louis, MO March 2023 – December 2024

- Provided frontline IT support for over 800+ incidents involving **Windows, Linux, and macOS** operating systems through ticketing systems.
- Managed Active Directory accounts, user permissions, and group policies to ensure secure access across university systems.
- Diagnosed and resolved network issues (**TCP/IP, DNS**), hardware malfunctions, and software installation/configuration errors.
- Deployed and maintained end-user workstations, performed system imaging, setup, and peripheral configuration.
- Automated routine support tasks using **Bash scripts** and **Ansible**, cutting manual effort.
- Proactively monitored infrastructure performance and uptime, supporting system stability for critical services.
- Authored and maintained technical documentation (**SOPs, FAQs**) to standardize support processes and improve resolution times.

CERTIFICATIONS & COMMUNITY ENGAGEMENT

- **Cisco Certified Network Associate (CCNA)** – Enterprise Networking, Security, and Automation
- Engaged in Girls Who Code (SLU Chapter) and Rewriting the Code (RTC), contributing to tech workshops and mentoring, and supporting women in tech through leadership and networking.