Muhammad Hashir

(636) 209-2989 | mhashir0318@gmail.com | hashir.fyi | linkedin.com/in/mhashir03 | github.com/mhashir03

EDUCATION

Saint Louis University — St. Louis, Missouri
Bachelor's in Computer Science — *Expected Graduation: May 2026*
Relevant Coursework: Data Structures (**C++**), Algorithms (**C++**), Databases (**SQL**), Operating Systems (**C**), Distributed Computing (**C/C++**), Software Engineering (**Java**), Object-Oriented Programming (**Java**)

TECHNICAL SKILLS

Languages: Python, Java, C/C++, TypeScript, JavaScript, SQL
Frameworks: React.js, Next.js, React Native, Expo, Spring Boot, Spring Data JPA, Tailwind CSS, LangChain
Data/ML: Pandas, NumPy, scikit-learn, PyTorch, OpenCV, spaCy, matplotlib, seaborn, BeautifulSoup, joblib
DevOps & Cloud: Docker, AWS, MongoDB, Apache Kafka, GitHub Actions (CI/CD)

EXPERIENCE

Teaching Assistant - Operating Systems — August 2025 - December 2025
Saint Louis University — *St. Louis, Missouri*
- Graded **500+** Operating Systems studios/labs for **28** students in **C**
- Held weekly office hours for **28** students, helping debug students' code and answer questions from lecture

Software Engineer — August 2025 - December 2025
Where's Religion? — *St. Louis, Missouri*
- Built scalable cross-platform app with **1,000+ users** using **TypeScript**, **React.js**, and **React Native**
- Deployed with **Docker**, **AWS**, and **GitHub Actions** in an **Agile** workflow following **SDLC**
- Led database migration from legacy system to **MongoDB**, migrating all user data with zero downtime

Software Engineer Fellow — June 2025 - August 2025
Headstarter — *Remote*
- Built production ML systems for partner startups in healthcare and real estate, supporting **1M+ users**
- Built **OCR + NLP pipeline** for Mandolin handling **500+ forms/day** at **95% accuracy** (GitHub)
- Built **recommendation engine** for Automax AI, reducing review **90%** and saving **$80K+/yr** (GitHub)

Software Engineer Intern — June 2023 - August 2023
Geez Creationz — *Remote*
- Collaborated in a **3**-person **Agile** team to **design** and **develop** the official GEEZ Creationz website
- Boosted client acquisition by **70%**, contributing to **$300K+** in new business within **6 months**
- Took ownership of the frontend revamp with **React.js** and **TypeScript**, shaping the brand's digital identity

PROJECTS

Open Politic | *Next.js, Spring Boot, TypeScript, Maven* | GitHub — Fall 2025
- Led development of **full-stack** U.S. policy search app with **Next.js** and **Spring Boot**
- Ran **Agile/Scrum** in **5-person dev team**, leading standups, sprint planning, and PR-based code reviews
- Containerized app with **Docker**, set up **CI/CD** with tests, and scaled **MongoDB** using GPO data

Transaction System (Midas Core) | *Java, Spring Boot, Kafka, JPA, REST* | GitHub — November 2025
- Built real-time transaction processing system for **JPMorgan Chase** using **Spring Boot** and **Apache Kafka**
- Implemented transaction validation with **Spring Data JPA**, enforcing balance checks and database audit trails
- Integrated external incentive **REST API** and exposed **JSON endpoints** for user balance queries

Kira | *Next.js, TypeScript, Gemini API* | GitHub — Google DevFest WashU 2025
- Developed **AI-powered** medical triage app with **voice recognition** and **Gemini API** for symptom analysis
- Integrated **speech-to-text** and **image upload** features to deliver **real-time** health assessments

Ozzy | *React Native, TypeScript, Expo, Whisper API* | GitHub — Most Innovative Project, HackSLU 2025
- Integrated real-time **speech-to-text** transcription with prompts optimized for **slurred speech recognition**
- Implemented audio recording and **text-to-speech** playback with **multi-language** and auto-speak support