Zaeem Rashid

Dallas, TX | US Citizen | (972) 213-6403 | zaeem.careers@gmail.com
Linkedin | zaeemrashid.com | Github

EDUCATION

The University of Texas at Dallas   *Expected December 2025*
Bachelor's in Computer Science

- **Relevant Coursework:** C/C++ Programming in UNIX Environment, Computer Science I/II, Advanced Data Structures, Advanced Algorithm Analysis/Design, Database Systems, Machine Learning, Programming Language Paradigms, Automata Theory, Software Engineering, Probability & Stats in CS/SE, Big Data, Operating Systems Concepts, Artificial Intelligence, Computer Networks

SKILLS

- **Programming Languages:** Java, Python, SQL, C, C#, C++, JavaScript, Typescript, HTML, CSS3
- **Application/Tools:** Git/GitHub, Jenkins, Docker, AWS/Azure, Linux/Unix, OAuth, GDB, Terraform, Kubernetes, Valgrind, Perforce, REST APIs, XML
- **Frameworks/Libraries:** React, JUnit, Pytest, Spring Boot, Express, Node.js, Django, Flask
- **Databases:** MySQL, PostgreSQL, SQLite, OracleDB, Amazon RDS, T-SQL, NoSQL, CosmosDB, DynamoDB, MongoDB
- **Methodology:** Agile, Scrum, Waterfall, DevOPS, CI/CD, Microservices, TDD

EXPERIENCE

Speech AI Software Engineering Intern   *June 2025 - Present*
Mercedes-Benz R&D North America   *San Francisco, CA*

- Responsible for implementing a real-world feature for the "Hey Mercedes" voice assistant—from initial design to final deployment—while working closely with the Speech AI team throughout the development process
- Supporting the development and testing of speech-enabled features within Mercedes' proprietary ReAct Architecture.
- Working closely with engineers in an Agile environment to deploy speech applications across native head units and cloud environments.
- Contributing to improvements in user interaction and NLP accuracy through prototyping and data analysis.

Certified Pharmacy Technician   *August 2018 - Present*
Walmart   *Garland, TX*

- Developed strong problem solving and communication skills by resolving prescription issues under pressure and delivering clear instructions, applicable to troubleshooting software and collaborating in technical teams.

PROJECTS

JobLoop Dashboard - *Individual Project*   *May 2025*
Python, PyQT, SQLite

- A desktop application to help users manage job applications and track job statuses using Python for backend logic, PyQt for the frontend UI, and SQLite for local data storage, with Python handling all communication between the interface & database.
- Designed and implemented a system using Python and SQLite, allowing users to add, view, edit, search, and filter job applications with resume attachments stored locally.
- Structured codebase with future scalability in mind, allowing seamless transition to a cloud-based system with multi-user login, online database storage, and browser extension support.

Messenger Clone - *Individual Project*   *March 2025*
MongoDB, Express, React, Node.js, Socket.io

- Developed a real-time chat application featuring user authentication (register/login), profile avatar setup, and live messaging.
- Built a backend using Node.js and Express, with MongoDB for storing user data and chat history allowing users to retrieve past conversations upon login.
- Integrated Socket.io to enable bi-directional, real-time messaging between users, supporting multiple active conversations.
- Designed an interactive, responsive UI in React, with features including a dynamic contact list, message input, and real time chat updates.

CloudAudify - *Individual Project*   *February 2025*
Kubernetes, AWS, Python

- Designed and implemented a microservices based architecture to efficiently convert video files to audio.
- Deployed microservices using Kubernetes for containers and management, ensuring scalability and fault tolerance.
- Utilized AWS for cloud infrastructure, including EC2 for computing, S3 for storage, and EKS for Kubernetes orchestration.

CERTIFICATES

- AWS Solution Architect (In Progress)
- CompTIA A+ (In Progress)
- AWS Cloud Practitioner
- CS50 Introduction to Programming with Python
- CS50: Introduction to Computer Science
- CS50: Web Programming with Python and JavaScript