

Rashed Alrashed

Software Engineer | Full-Stack Development | Database Optimization & CI/CD

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Oklahoma City, OK

Skill Summary

- **Backend:** C#, .NET, SQL, Java, Python, C++, Go
- **Frontend:** TypeScript, JavaScript, React, Angular, Flutter/Dart, HTML, CSS/SCSS
- **Cloud & DevOps:** Azure DevOps, Google Cloud, Firebase
- **Tools & Other:** Git, Linux, CI/CD, Bootstrap, Ant Design, MacOS, Windows

Experience

Software Engineer | Co-Founder

Aug 2025 –

Present

Digital Owl Ware:

Oklahoma City,

OK

- Co-founded a consulting firm delivering full-stack solutions, specializing in scalable APIs, CI/CD pipelines, and deployments
- Designed and developed reusable software templates (API, web, mobile) built to industry best standards, ensuring quality, scalability, and maintainability
- Established company engineering culture rooted in Kanban and continuous improvement, emphasizing high-quality engineering practices, peer review, and iterative delivery
- Engage with clients to scope projects, set requirements, and deliver tailored software solutions
- Actively developing internal products and client contracts focused on software modernization and DevOps automation

Software Engineer

May 2022 – Feb 2025

Oklahoma Blood Institute:

Oklahoma City, OK

- Optimized and refactored database indexing, reducing query execution time from timeouts to near-instant performance
- Led full-stack development of BioLinked enterprise applications, integrating React Native, Angular, and C# APIs to enhance usability and scalability
- Designed and automated CI/CD pipelines in Azure DevOps, reducing deployment time and catching critical errors earlier in the development cycle
- Designed and implemented notification systems in React Native and Angular, streamlining critical alerts and improving real-time responsiveness
- Developed and implemented new features, enhancing system stability and increasing user engagement by integrating user-driven enhancements and optimizing core application
- Implemented TypeScript-based unit testing, helping in error detection and ensuring higher software reliability

Junior Consultant / Front-End Developer

January 2022 – May 2022

Rural Sourcing Inc:

Oklahoma City, OK

- Developed web applications using ReactJS, and Ant Design, including UI/UX design using Figma
- Collaborated in Agile teams, implementing search functionality, fixing bugs, and enhancing system performance
- Utilized RESTful API

Software Engineer Intern

May 2021 – January 2022

Novaware Inc:

Oklahoma City, OK

- Built web applications using JavaScript, Firebase, and BootStrap
- Worked in an Agile environment, contributing to the full development cycle
- Deployed using Google Cloud CLI and Firebase
- Combed through data, collected, and ensured data compatibility with application API

Computer Science Ambassador / Research Assistant

January 2017 – August 2020

University of Central Oklahoma:

Edmond, OK

- Designed and taught Python-based programming lessons for educational research projects
- Conducted data analysis with SPSS, presenting findings at national conferences
- Taught Robotics lessons with Raspberry Pi, teaching multi-threading and other techniques

Education**University of Central Oklahoma**

Edmond, OK

Bachelor of Science in Computer Science

Fall 2016 – Fall 2020

Trine University (*in progress*)

Angola, IN

Masters of Science in Engineering Management

Spring 2024 – Spring 2026