

# Mirmukhammad Mirsodikov

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## SKILLS

<u>Programming Languages:</u>	TypeScript, JavaScript, Go, Java, Swift, C++, Visual Basic, Python, C#
<u>Frameworks:</u>	Vue, React, Next.js, Nuxt.js, React Native, Node.js, Express, Gin
<u>Database:</u>	Microsoft SQL Server, MongoDB, PostgreSQL, Snowflake
<u>Infrastructure:</u>	AWS, Microsoft Azure, Docker, Terraform
<u>Languages:</u>	English (native), Russian (fluent), Uzbek (fluent)
<u>Other:</u>	Git, CI/CD, DevOps, Agile, Scrum, Test-Driven Development

## WORK EXPERIENCE

### **Software Engineer**

February 2023 - Current

Koch Minerals & Trading (Koch Industries), Wichita, KS

- Streamlined and enhanced financial transaction management by maintaining a critical web application utilized by the finance department for managing invoices
- Developed a finance settlement application support chatbot utilizing Azure OpenAI, leading to expedited issue resolution and reduced manpower requirements from a team of 50 to 1 person
- Implemented an optimized data flow pipeline on AWS, resulting in significant cost savings of thousands of dollars per month and boosting performance by 75% compared to the previous process

### **Software Engineer**

July 2021 – June 2023

StaffWise, Wichita, KS

- Successfully designed and implemented a healthcare financial web application to empower hospitals with their staffing, resulting in \$50,000 of savings monthly for hospitals
- Built a REST API in Node.js using TypeScript to drive the functionality of the application
- Constructed and executed state-based database development utilizing Microsoft SQL Server, resulting in streamlined data management and improved system performance
- Orchestrated resource provisioning and service deployment in Microsoft Azure using Terraform, establishing a scalable infrastructure, allowing to rapidly spin up new environments with dozens of resources
- Built a user flow using serverless functions in Azure to allow users to upload Excel files of their hospital information and parse the data to store in the database, reducing the onboarding process from hours to a few minutes
- Efficiently managed 6-member cross-functional team, overseeing end-to-end project lifecycles, ensuring timely deliverables, stakeholder satisfaction, and successful achievement of project objectives
- Delivered intuitive user experiences by implementing React to create sleek and functional UI designs

### **Information Systems – Developer (Intern)**

June 2022 – August 2022

Textron Aviation, Wichita, KS

- Led the team in migrating to Java 11 from Java 8 and adopting REST APIs over SOAP APIs, empowering the team to embrace modern practices and unlock optimized performance, scalability, and productivity
- Developed applications using Java to automate processes for engineers in their design modelling applications, resulting in faster turnaround times to publish and review plane schematics
- Addressed project issues with maintainable solutions through architecture and design patterns, leading in more consistent projects and facilitated easier onboarding of new team members

## EDUCATION

### **Bachelor of Science in Computer Science, College of Engineering**

May 2023

Wichita State University, Wichita, KS

## PROJECTS

**Sonification of 3D Space Models** – Web app to create 3D models from 2D images and create sounds for them

- Winner of 2023 NASA Space Apps Challenge

**Chess.com Companion Website** - Connects the Chess.com public API with a free chess game analyzer website