

Mirmukhammad Mirsodikov

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EDUCATION

Bachelor of Science in Computer Science, College of Engineering

Wichita State University, Wichita, KS

May 2023

GPA: 3.92/4.0

SKILLS

<u>Programming Languages:</u>	TypeScript, Go, JavaScript, Swift, Java, C++, Visual Basic, Python
<u>Front-End Development:</u>	Vue, React, Next.js, Nuxt.js, React Native, HTML, CSS
<u>Back-End Development:</u>	Node.js, Gin, Express, REST API, Token-based authentication
<u>Database:</u>	Microsoft SQL Server, MongoDB, PostgreSQL
<u>Infrastructure:</u>	Microsoft Azure, Docker, Terraform, Microservices
<u>Languages:</u>	English, Russian, Uzbek
<u>Other:</u>	Git, CI/CD, DevOps, Agile, Scrum, Test-Driven Development

WORK EXPERIENCE

Software Engineer

July 2021 - Current

StaffWise, Wichita, KS

- Designing and implementing a REST API in Node.js using TypeScript to power a healthcare financial web application for budgeting and staffing
- Enforcing and employing test-driven development using Clean Architecture for maintainable, reusable, and testable code
- Constructing and executing state-based database development using Microsoft SQL Server
- Architecting resources and services in Microsoft Azure using Terraform to deploy web applications and databases for user ready environments in Microsoft Azure
- 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 to speed up the process of getting users setup
- Implementing UI designs using React and its ecosystem to deliver a simple and functional experience for users
- Brought on and trained 2 developers on the application and business requirements
- Organizing team and propelling the project forward using Scrum practices

Information Systems – Developer (Intern)

June 2022 – August 2022

Textron Aviation, Wichita, KS

- Developed applications using Java that automate processes for engineers in their design modelling application
- Addressed prevalent problems of previous projects with clear and maintainable solutions by enforcing application architecture and design patterns
- Lead the team in migrating to Java 11 from Java 8 and adopting REST APIs over SOAP APIs

PROJECTS

GymArc – Mobile Application

October 2021 – Current

- Managing the development of a microservice architecture for a mobile application
- Enforcing security patterns using web token-based authentication and authorization
- Translating business-logic needs into Postgres tables and relationships
- Constructing the application user interface using React Native

Hermes

December 2022 - Current

- Web based real-time chat application between users and groups of users
- Developing servers in Go for authentication and business logic
- Leveraging Elixir and Cassandra DB for scalability and real time user connection
- Building a rich and intuitive web client using Vue with the Nuxt framework