Mirmukhammad Mirsodikov

(515) 598-6719 | mirsodikov.mir@gmail.com | github.com/mir-mirsodikov | Wichita, KS

_____

EDUCATION

Bachelor of Science in Computer Science, **College of Engineering**   **May 2023**
Wichita State University, Wichita, KS   GPA: 3.92/4.0

SKILLS

Programming Languages: TypeScript, JavaScript, Swift, Java, C++, Visual Basic, Python
Front-End Development: Vue, React, React Native, HTML, CSS
Back-End Development: Node.js, REST API, Token-based authentication
Database: Microsoft SQL Server, MongoDB, PostgreSQL
Infrastructure: Microsoft Azure, Docker, Terraform, Microservices
Languages: English, Russian, Uzbek
Other: 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

Lie Detection Survey   May 2022
- Web application for the MIS department at Wichita State University to help them conduct research on how people detect lies
- Implemented security so that administrators of the application can manage the survey prompts, instructions for users, and view responses
- Managed users and their responses to each survey prompt through backend API and database