Avetis Avagyan

+1(647) 979-5240   avagyan_avetis@yahoo.com   linkedin.com/avetis-avagyan   github.com/Avetis-Av

SKILLS

Languages: JavaScript, Kotlin, C/C++, C#, Python, Ruby, TypeScript, R, HTML, CSS, Bash, Dart
Tools/Frameworks: ReactJS, NodeJS, ASP.NET, SQL, JavaFX, MongoDB, Azure, Flutter, Figma

EXPERIENCE

Cloud/Automations Engineer – Synamedia   09/2023 – Present

- Initiated and completed an automated audit system with **Bash** scripts to check for discrepancies in the **PostgreSQL** database.
- Created unit tests for an Android Video Platform using **Kotlin**, improving test coverage by 30%.
- Established communication between virtual machines to multicast packets over IP networks.

Full-Stack Developer – Rocscience   01/2023 – 04/2023

- Designed and deployed full-stack applications utilizing **ASP.NET MVC** and **JavaScript**.
- Developed reusable **C#** libraries for seamless integration into the **.NET** application.
- Conducted research to identify and implement optimal software development methodologies.
- Implemented rigorous unit tests to ensure code quality.
- Debugged, optimized, and documented existing code that decreases runtime by 20%.
- Implemented novel algorithms and data structures that significantly improved the efficiency of the data table filtering system.

Full-Stack Developer – Audioworks Inc.   04/2022 – 08/2022

- Developed the front-end using **ReactJS** and the back end using **NodeJS** integrated with **MongoDB**.
- Created a cross-platform notification system that allows communication between the mobile and web platforms of the product.
- Worked with a team of developers on the end-to-end cycle of development from design to implementation.
- Integrated a message sharing system that provides the ability to share posts between users.

RELEVANT PROJECTS

WaTodo (September – December 2022):

- Planned and designed a To-do desktop app compatible on both Windows and MacOS.
- Created app using **Kotlin** and the UI with **JavaFX** as part of a project course.
- Participated in bi-weekly project Sprints and utilized **Agile** development practices.
- Decreased time spent on debugging code by implementing **Unit Tests**.

QuickType (August 2021):

- Planned and designed a type-testing desktop webapp using **Figma**.
- Created web-app with using **ReactJS** framework and **UI** customization with **CSS**.
- Used **Git** for version control throughout the project.

EDUCATION

University of Waterloo - *Bachelor of Computer Science (3B), Co-op (AI specialization)*

Relevant Coursework: Data Structures and Algorithms, Operating Systems