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Technical Expertise:

Languages: Python (6+ years), Unity, C# (5+ years), Android Studio, Kotlin, Flutter, Dart, MySQL, T-SQL

Frameworks: REST APIs, Object-Oriented Programming, Git

Platforms: Windows, Android, Mixed Reality, Virtual Reality

Programming Experience:

Squared Solutions

Back End Developer | 02/2024 – Present

- Orchestrating the development of a proprietary SaaS platform, harnessing API integration to consolidate data from multiple sources, bolstering client access and insights.
- Implementing threading techniques to optimize performance, enabling seamless execution of CRUD operations at scale, processing tens of commands per second.
- Spearheading extensive code refactoring initiatives, addressing issues ranging from typographical errors and absent functions to rectifying improper method application, enhancing overall codebase integrity and efficiency.

Square Blue Foundation

Chief Technology Officer | 02/2024 – Present

Shulert

Co-Founder / Software Developer | 02/2019 – Present

- Leading development of a full-stack cross-platform app with features including location-based points-of-interest, device sensor utilization, in-app purchases and user accounts.
- Chairman of the Board of the nonprofit organization.
- Featured in 2 news outlet appearances.
- Garnered over 11,000 downloads and maintains a consistent all-5-star review rating across Android and iOS.
- Compatible with all leading web and content filters.

Meta

Contracted Game Developer | 04/2023 – 11/2023

- Created a Mixed Reality demo for Meta Quest headsets, optimizing PBR environments for high frame rates.
- Provided valuable feedback to improve Meta's SDKs and documentation.
- Managed a team to deliver game assets on time and within budget.
- Oculus Start Member since 2019.

Camp Fun Monsey

Freelance Website Developer | 08/2021 – 02/2022

- Developed a camp website with application and payment systems.

GIB Games

Game Development Intern | 07/2021 – 09/2021

- Enhanced VR games for improved accessibility and conformity to coding standards.

Golden Check Senior Services

Freelance Software Developer | 02/2021 – 06/2021

- Created a mobile app for payments, user management and booking.

Education:

- 2023-2025: *Bachelor of Science*, Computer Science, Bellevue University
- 2018-2022: *High School Diploma*, Yeshiva High School of Monsey
 - *Editor-in-Chief*, school newspaper
 - *Student Representative*, IT department
 - *Valedictorian*, Class of 2022