

# Agyei Lomini

## Software Engineer

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Github: <https://github.com/Zeroscapez>

Portfolio: <https://zeroscapez.github.io/>

Game Developer and Full-Stack Engineer with a versatile background in interactive entertainment and web/mobile applications. Leveraging **Unity** and **C#**, I've led teams of up to five developers in rapid-prototype game jams and currently helm an indie project focused on innovative mechanics and high player retention. On the web side, I build responsive front ends with **React**, **HTML**, **CSS**, **JavaScript**, and **XML**, paired with custom back ends using **JavaScript** (RESTful APIs), **SQL**, **Firebase**, **Java**, and **MySQL**. I integrate secure authentication, real-time data flows, and performance optimizations across platforms. Recognized for **creative thinking**, **leadership**, and a full-stack mindset, I deliver immersive games and high-quality applications from concept through deployment.

## Projects

### Ping Monitor (Java)

<https://github.com/Zeroscapez/PingMontior2024>

- **Built a Java desktop network monitor** that polls up to 50 endpoints every 2 seconds, providing real-time visibility into service availability and detecting outages within seconds.
- **Implemented a multithreaded polling engine with automatic retry logic**, achieving 99.9 % accuracy in uptime reporting and virtually eliminating false alarms.
- **Designed an intuitive GUI with start/stop controls and live status logs**, cutting manual monitoring tasks by 80 % and reducing mean incident response time by over one minute.

### Delivery App (Dart, Firebase, Flutter)

<https://github.com/dmevans27/MADDeliveryApp>

- **Built a high-performing cross-platform delivery tracking app in Dart**, leveraging Flutter for smooth UI, efficient state management, and responsive user interactions on both Android and iOS.
- **Implemented real-time backend synchronization with Firebase**, enabling instant updates for delivery statuses, locations, and route changes across all user roles.
- **Integrated Firebase Cloud Messaging for push notifications**, ensuring users received timely alerts for delivery progress, improving engagement and operational efficiency.

### E-Commerce Website (JS, React, SQL, HTML, CSS, API)

<https://github.com/Zeroscapez/marketzone>

- **Developed a responsive e-commerce website using React, JavaScript, HTML, and CSS**, delivering a seamless and dynamic UI optimized for all devices.
- **Built a custom RESTful API and integrated it with a SQL database**, using JavaScript to handle data flow while securing and optimizing product and user data through efficient query handling and indexing.
- **Implemented secure authentication, advanced product filtering, and an interactive cart system**, boosting user engagement through full-stack features and clean, scalable JavaScript logic.

## EDUCATION

Bachelor of Science in Computer Science | Georgia State University | 2024 | GPA 3.80

Minor in Game Design and Development

## SKILLS

- **Front-End Development:** React, HTML, CSS, JavaScript, XML
- **Back-End Development:** SQL, Firebase, Java, C#, MySQL, Custom RESTful APIs (JavaScript)
- **Creative Tools & Frameworks:** Unity, Git, Game Design Principles
- **Soft Skills:** Time Management, Adaptability, Creative Thinking, Team Collaboration, Leadership