

# Akeem Anderson

## Software Engineer

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## Experience

### Software Engineer @ City of Atlanta

January 2020 - Present

- Develop and maintain code for variety of large scale, high utilization web applications
- Write and support code for various enterprise level projects using an assortment of languages
- Integrate existing systems and applications with internal data sources such as Microsoft Active Directory, Oracle Database, SQL Server and various APIs
- Migrate legacy code bases and systems to modern languages, frameworks and systems
- Architect and deploy cloud-based web infrastructure utilizing various server operating systems such as Windows and Linux.
- Work on project / team based application design and integration efforts across a variety of systems.

### Co-founder & Head of Development @ Nu Life Technologies

July 2016 - Present

- Write modular, component-structured code to produce secure, robust, and architecture-neutral products..
- Design and deploy multi-layer integrated & distributed infrastructure for web environments.
- Engage enterprise level clients, help improve employee efficiency by introducing task and project management software

### Director of Development @ Next Generation Gaming

June 2015 - October 2016

- Direct and manage a team of agile developers in various development projects related to game server scripting, web / mobile application development and more.
- Manage a variety of game server development projects, expanding our private server network across multiple popular server-based games focused around the popular Grand Theft Auto series.
- Authored a highly downloaded and utilized health-hack detection system known as SprunkGuard Detection to combat against widespread use within San Andreas Multiplayer
- Manage game server and web infrastructure for largest North American SA:MP server averaging 10,000+ monthly active users

## Projects

### Employee Initiatives Application

July 2021 - October 2021

- Build application supporting over 50,000 internal users in submitting weekly initiatives and request co-worker support.
- Worked on UI/UX design, full stack development, database design, deploying to cloud and more.
- Integrated application with Microsoft Active Directory to allow Windows Authentication for internal devices.
- Saved department an estimated \$500k-\$800k in vendor supported development costs, including licensing, procurement, legal fees, and resource allocation

### Security Wait Times (SWT) Application

March 2020 - August 2020

- Build a cloud hosted application that consumes motion sensor data from internally hosted API to provide users with wait times for security checkpoints.
- Support project effort by designing architecture diagrams, action flow diagrams and implementation plans, providing system and firewall change justification to change advisory board
- Application supports web page view for public, web admin panel for manual input overrides, checkpoint operation status changes and email notification management.

### ASP.NET to PHP Code Migration

February 2020 - October 2021

- Spearheaded internal project effort to migrate legacy ASP.NET web application to modern object-oriented PHP and Javascript.
- Rebuilt multiple highly integrated systems and features, including Flight Information System, Ground Transportation Management Portal, Parking Management Portal, Flight Tracker and more
- Introduce Model View Controller (MVC) design pattern to help improve application modularity and maintain single responsibility design principle.

## Skills

### Programming Languages

HTML/CSS, JavaScript/TypeScript, PHP, Python, Java

### Libraries & Frameworks

jQuery, React, React Native, Node.JS, Express

### Tools, Services & Other

WordPress, SQL Server, Oracle Database, Microsoft Active Directory, Windows Server (IIS), Linux, Apache

### Design Applications

Photoshop, XD, Premiere Pro, After Effects, MS Office Products