Chukwuma Gbemudu

79406, Lubbock, TX, USA

📞 +1-818-554-9732   ✉ chuksgbems1@gmail.com   in https://www.linkedin.com/in/chukwuma-gbemudu-428096329/

WORK EXPERIENCE

Zata Corp   **Jun 2024 - Aug 2024**
Software Developer Intern   *Los angeles, Ca*
- Resolved complex issues in Java and Python applications, demonstrating strong analytical skills and contributing to a 1.5% reduction in bug reports.
- Participated in code reviews, offering suggestions to enhance code maintainability, leading to a 3% decrease in post-release bugs.
- Integrated an API for mobile applications using JavaScript and Python, allowing import of Apple Watch fitness data, significantly improving user retention by 5%.
- Collaborated with senior developers to resolve bugs, leveraging algorithms to reduce average debugging time by 2% and improve system stability.

Texas Tech University   **Aug 2024 - Present**
Community Advisor   *Lubbock, TX*
- Mentored and supported 50+ diverse residents, contributing to a 7% increase in student satisfaction and a 5% decrease in reported incidents.
- Resolved conflicts and enforced university policies, achieving a 100% safety record and a 2% reduction in policy violations.
- Conducted policy education sessions for 50 residents, which resulted in a 17% decrease in policy violations and promoted responsible behavior.

EDUCATION

Texas Tech University   **Aug 2022 - May 2026**
Bachelor of Science, Computer Science
- **GPA:** 3.602
- **Achievements:** Denas list award 5x, Presidential merit scholarship

PROJECTS

PlayStation Automation Script   **Jan 2024 - Apr 2024**
- Developed an automation script utilizing Wake-on-LAN (WOL) and custom TCP/IP protocols to remotely power on a PlayStation, increasing operational efficiency and reducing manual intervention by 80%.
- Utilized Python and Bash scripting along with automation tools like Cron to streamline the PlayStation remote power-on process, reducing setup time by 50% and enhancing overall convenience for personal use
- Applied Python, Bash, and Wake-on-LAN (WOL) protocols to automate remote device control, showcasing expertise in scripting, networking, and automation by overcoming complex connectivity challenges.

Dynamic Event Scheduler Web Application   **May 2024 - Sep 2024**
- Engineered a full-stack event scheduling application, attracting 500+ active users and managing 1000+ events with advanced search functionality.
- Designed and implemented a user-friendly event management system, allowing users to create accounts, schedule events, and receive automated notifications for upcoming events.
- User Authentication: Implemented secure user authentication using JWTs and encrypted passwords with bCrypt, securing 100% of user accounts.
- Developed a real-time event management system using WebSockets and RESTful APIs, allowing users to create, update, and delete events with immediate feedback. Processed over 2,000 user-generated events, ensuring seamless updates and synchronization.
- Email Notification: Set up automated email alerts using Node.js cron jobs, notifying users 24 hours before events. Successfully sent over 5,000 notification emails.
- Deployed web application on Heroku, attracting 500+ active users in the first month and achieving a 20% increase in user retention through intuitive design.

SKILLS

- **Programming Languages:** Python, Java, C++, HTML, SQL, React, C#, JavaScript, CSS, C
- **Frameworks & Libraries:** Node.js, GitHub, AngularJS, ReactJS, jQuery, MongoDB
- **Tools & Technologies:** SQL Server Reporting Services, Linux, Git, Object-Oriented Programming, Automation
- **Development Skills:** API Integration, Unit Testing, Debugging, Version Control, Software Development, TCP/IP, Bash, Shell Scripting
- **Computer Science Fundamentals:** Computer Science, Data Structures, Algorithms, Non-academic coding experience