Oluwadarasimi Adedeji

me.daracloud.uk • daraadedeji07@gmail.com • https://github.com/SunkenInTime

Education

Howard Community College (Dual Enrollment)   **Columbia**, **MD**

Reservoir High School   Fulton, MD
730 SAT Math Score and a 3.45 GPA   June 2025

Technical Skills & Projects

Programming: C#, Dart, Java, Lua, Python, HTML, CSS
Frameworks: Flutter, Unity, Hugo, Roblox Studio
Skills: Linux System Administration, Mobile Device Repair, Docker, VMWare ESXI, Network Architecture, Web Development, Cross-Platform Software Development
Cloud Computing: Firebase Auth, Firestore, Supabase, MongoDB

Icarus(Current)

Building an open-source Valorant strategy tool with Flutter and Riverpod state management. Implemented custom coordinate systems and painters for precise agent positioning, featuring SVG-based map scaling and drag-and-drop interface. Developing local storage solutions for strategy management and ability placement features.

Linked Thing

A react based web tool that simplifies the creation of custom LinkedIn flairs.

HC Grade Aid

Developed an open-source mobile grade calculator using Flutter and Provider state management for Howard County Public School System students. Implemented complex weighted grade calculations for AP and Honors courses, providing accurate GPA projections and semester grades. Currently in collaboration with HCPSS administration for potential district-wide implementation.

Boyant Notes

Created a Flutter mobile application with Firebase and MySQL integration, reaching 100 concurrent users. Implemented Firebase Authentication and Firestore for real-time synchronization, while utilizing MySQL for offline functionality. Designed dual-database architecture ensuring seamless note access and task management across online and offline states.

Monopoly Lite

Created a simplified console version of Monopoly in Java, implementing core game mechanics including property management, player transactions, and turn-based gameplay. Designed modular classes for properties, players, and game state management, utilizing object-oriented principles for clean, maintainable code.

Game of Life

Implemented Conway's Game of Life in Java as a console application, featuring a grid-based cellular automation system. Created efficient algorithms for neighbor detection and state transitions, with a command-line interface for visualization and control of cell evolution patterns.

Experience

Kumon Learning Center

Laurel, MD
Feb 2024 – Present

Kumon Assistant

- Supervised and guided over 100 students through individualized math and reading programs
- Provided one-on-one instruction to returning and new students, ensuring concept mastery
- Evaluated student assignments to track progress and identify areas for improvement
- Collaborated with instructors to develop targeted learning strategies
- Maintained accurate records of student performance and completion rates
- Created supportive learning environment promoting student engagement and achievement
- Assisted in classroom organization and workflow management

Desire Health Care Services Inc.

Freelance
July 2024 – Present

Web Developer

- Architected custom WordPress healthcare website emphasizing patient information accessibility
- Constructed intuitive navigation system using Elementor page builder
- Delivered comprehensive content management training to healthcare staff
- Configured mobile-responsive layouts adapting to multiple device formats

Kingsword Maryland

Freelance
July 2023 – Oct. 2023

Software Developer

- Engineered Flutter mobile application integrated with Firebase for youth bible study tracking
- Developed daily reading tracker and 90-day challenge functionality for children's ministry
- Implemented real-time progress monitoring system using Firebase database
- Created engaging user interface optimized for young users
- Designed streak-based system to encourage consistent participation
- Deployed automated notifications to maintain user engagement

Solution Plus

Freelance
May 2023 – Present

Web Developer

- Developed responsive WordPress website for healthcare staffing agency utilizing Elementor page builder
- Implemented cross-browser compatibility solutions ensuring consistent user experience
- Integrated third-party plugins and functionalities to enhance website features
- Trained internal stakeholders on content management system for autonomous updates
- Maintained website security through regular updates and vulnerability assessments
- Optimized page load speed through efficient resource management and caching solutions

Leadership Initiatives Freelance
International Internship May 2023 – March 2024
Program
Business Advisory
Intern

- Led fundraising initiatives to support local businesses in Bauchi State, Nigeria, focusing on networking and community outreach
- Created logos and branding materials to help businesses establish their market identity
- Provided strategic business advice and consulting services to local entrepreneurs
- Developed and implemented growth strategies to help businesses expand operations and increase their customer base

Certifications and Awards

College Board AP Scholar	July 2024
County Executive's 2024 STEM Award	June 2024
Lockheed Martin Cyber Quest Participant	May 2024
Lockheed Martin Code Quest Participant	May 2024
Lockheed Martin Cyber Quest Participant	May 2023
County Executive's 2023 STEM Award	June 2023