

ABDULMUHMEEN LEASU

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EDUCATION

Durham University

Bachelor of Sciences in Computer Science

Durham, UK

Oct 2024 – Jun 2027

Modules: Algorithms & Data structures, Computer Systems, Networks and Systems, Software Engineering

Concord College

A Levels: Mathematics, Physics, Further Maths, Chemistry

Sep 2022 – Jun 2024

TECHNICAL SKILLS

Languages: Python (intermediate), JavaScript (intermediate), Dart (basic), Go (basic), C (basic)

Frameworks: Django, Flutter, React, Next.js, Node.js, Django Rest, Flask

Developer Tools: Git, Github, VS Code, Docker, Google Analytics, Google Gemini, GCP, Firebase

EXPERIENCE

Software Engineering Intern

May 2025 – September 2025

Mercurie

Lagos, Nigeria

- Remotely collaborated with engineers to build and deploy gRPC/Protobuf microservices
- Developed and deployed AI agents covering various business areas using google vertex AI
- Created an AI customer service chatbot using golang and google genai api to be deployed on the main website
- Contributed to the company's internal tools, enhancing business operations

Founder

Aug 2024 – Present

AMALWorks

- Founded and manage a mobile and web development agency, delivering tailored solutions for clients, including websites for 2 businesses, deployed on Azure and Google Cloud.
- Launched and maintained SaaS products to enhance user's operational efficiency and customer satisfaction.
- Developing a full-featured delivery application (GbeWa) to serve a large potential customer base.
- Documenting and sharing my journey as an aspiring software engineer on social media, fostering a supportive community for fellow aspirants

Tech Officer

Feb 2025 – Mar 2025

Durham Women in Tech Hackathon

Durham, UK

- Helped organise and run the inaugural edition of the Durham Women In Tech Hackathon within the Tech Team
- Developed and maintained the duwithacks.com website using Next.js and TypeScript
- Volunteered over the 2 days of the event to ensure smooth hacking for the over 40 participants

PROJECTS

GKE Hackathon | GKE, Kubernetes, Google Cloud, Go, Vertex AI

Sept 2025 – Sept 2025

- Participated in google's Google Kubernetes Turns 10 hackathon
- Learnt the basics of Google Compute, Google Kubernetes Engine and gcloud CLI
- Managed GKE cluster deployments by resolving various build issues to ensure uptime
- Built a Go based service extending microservice applications with AI Agent capabilities
- Worked with scaffolds, and docker files to ensure succesful builds and up to date services

Knight and Samurai: Pets Quest | Godot, Itch.io, App Store Connect

Jun 2025 – Jun 2025

- Overall Winner of the Durjam 2025 hackathon, demonstrating technical and collaborative skills under a tight deadline.
- Collaborated cross-timezone with a new teammate ensuring seamless project development and communication
- Quickly learnt and applied the Godot game engine to build a functional and complete videogame from scratch
- Engineered complex State Machines to control player logic and intelligent enemy AI
- Expertly resolved numerous merge conflicts, maintaining project integrity and smooth collaboration

amaltools.com (EPQ) | Django, Bootstrap, Git, Nginx, PostgreSQL, AWS, Google Analytics

Nov 2022 – Aug 2024

- Developed a full-stack web application with Django, that provided a GUI for popular python libraries such as text extraction from images using Tesseract OCR and youtube to mp4 using ytdlp
- Leveraged Git and GitHub actions to automatically test and deploy to production VPS
- Deployed a fully operational python based web app onto a Linux server using Nginx
- Launched a live website on the amaltools.com domain achieving over **3000 visits**
- Tracked over **1.1k unique users**, with a peak of **97 in a single day**