

# Abdulkarim Ahmed Bobboi

[Portfolio](#) | [LinkedIn](#) | [GitHub](#)  
+447799744752 • abdulkarimbobboi@gmail.com • Sheffield, UK

## EDUCATION

**The University of Buckingham, Buckingham, UK**  
*Bachelor of Science in Computing*

**04/2023 – 04/2025**  
**Result:** First-Class Honours

- **Relevant modules:** Design and Analysis of Algorithms, Advanced Web Applications Development, Object Oriented Programming, Databases, UX Design, Software Quality Assurance

## PROFESSIONAL EXPERIENCE

**ZedSoft Limited, Leeds, UK**  
*Software Engineer Intern*

**07/2022 – 09/2022**

- Collaborated within a small Agile team to develop a user-friendly dashboard for a cryptocurrency platform using Vue.js and Bootstrap.
- Integrated RESTful APIs to facilitate seamless communication between the frontend and backend systems.
- Contributed to the design and implementation of the platform's PostgreSQL database to optimise data management.
- Conducted code reviews and collaborated with team members to maintain high-quality code standards.
- Participated in strategic meetings with company founders, including vendor evaluations and security consultations for data protection initiatives.

**Aliph Technologies, Abuja, Nigeria**  
*IT Intern*

**12/2022 – 04/2023**

- Contributed to the setup of IT infrastructure for the relaunch of Nigeria Airways, focusing on digital systems and backend integration.
- Assisted in developing and supporting the booking system backend, ensuring functionality and scalability.
- Assisted with network configuration and infrastructure planning for the airline's operations centre.
- Contributed to procurement coordination and compiled technical documentation for internal use.

**100Degrees Consulting Sheffield, Remote**  
*Freelance Full-Stack Software Engineer*

**01/2024 – 06/2025**

- Collaborated with a student-led non-profit to develop a full-stack platform to streamline mass personalized email campaigns to UK charities and non-profits.
- Worked across the full development lifecycle, from initial design and architecture to deployment and security testing.
- Leveraged modern web technologies to ensure scalability, maintainability, and ease of use.
- Delivered a functional platform with clear documentation, receiving strong internal feedback and being prepared for team-wide onboarding.

## PROJECTS

**Go Game Web Application** | Vue.js, Bootstrap, JavaScript

[Website](#) | [Source](#)

- Collaborated in a team to design tech-driven solutions for regulatory challenges in Nigeria's agricultural sector.
- Proposed practical initiatives, including agricultural information centres at the local government level.
- Presented findings to the leadership team, receiving positive feedback for actionable insights.

**180connect** | React.js, JavaScript, Python, FastAPI, PostgreSQL, Bootstrap

[Website](#)

- Co-developed a full-stack web platform for 180 Degrees Consulting Sheffield to send personalised emails to charities and non-profits across the UK.
- **Frontend:** ReactJS + Bootstrap, deployed via **Vercel**.
- **Backend:** Python with FastAPI, deployed on **Render**.
- **Database:** PostgreSQL (serverless via **Neon**).
- Focused on security, implementing authentication, protected endpoints, and conducting thorough testing.
- Delivered a working solution that received strong internal feedback and is being prepared for onboarding.

**Conway's Game of Life** | C, CMake, SDL

[Source](#)

- Developed a modular C program to simulate Conway's Game of Life.
- Used SDL for real-time graphical rendering of the simulation.
- Structured the project with multiple source files and used CMake to build the project.

**9X9** | React, TypeScript, Bootstrap

[Website](#) | [Source](#)

- Built a lightweight web application using React and TypeScript that allows users to download high-resolution images from IIIF (International Image Interoperability Framework) manifests as PDF or ZIP files.
- Integrated libraries like jsPDF and JSZip to handle dynamic file generation and download workflows. Focused on responsive design and intuitive UI.
- Strengthened skills in API consumption, client-side file processing, and user-focused interface design.

## SKILLS

- **Languages:** English, Hausa, Fulfulde.
- **Programming languages:** Python, C/C++, JavaScript, SQL, HTML
- **Technologies:** React, Vue, Git, Vercel, PostgreSQL

## AWARDS

**Rhodri J. Jassim Prize for Best Performing Student in Part I Examinations.**  
*The University of Buckingham*

**04/2024**