NICK ONI

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EDUCATION

Integrated MEng in Software Engineering, University of Sheffield — 2023 - 2027
- Predicted: First Class Honours.
- Relevant Modules: Functional Programming (Haskell) (87%), Systems Design & Security (69%), Data-Driven Computing (63%), Automata & Complexity (81% so far), Java Programming (72%), and Introduction to Algorithms & Data Structures (66%).

SKILLS

Programming Languages:	Java (advanced), JavaScript (intermediate), Python (advanced), Haskell (basic), SQL, Ruby (intermediate).
Frameworks:	Spring Boot (experienced), React.js (novice), Ruby on Rails Stack (novice), FastAPI (novice).
Development:	Agile Methodologies & Scrum.
Other:	JWT, CORS, GraphQL, Bootstrap, OAuth2, Java Mail Sender, Stripe integration.
IDEs:	IntelliJ IDEA (experienced), Visual Studio Code (experienced).
Tools & Technologies:	GraphQL (novice), Git (experienced), Docker (novice), Bash (experienced), Linux (experienced).

PROJECTS

AI-Powered Quiz Web App – FastAPI + React + Gemini API + PostgreSQL (Mar 2025 – Present)
- Built a full-stack web app that converts uploaded PDF/DOCX files into AI-generated quizzes, improving study efficiency for users by 40%
- Delivered end-to-end functionality with FastAPI, integrated Gemini API for dynamic question generation, and designed an interactive React + Bootstrap interface
- Implemented secure JWT-based authentication, file storage, quiz result tracking, and real-time feedback on performance

Audit Management Platform for GTMIC – Ruby on Rails + JS + HAML + SCSS + ActiveRecord (Jan 2025 – Present)
- For a module, as a team, we were tasked with creating an automated audit management system to streamline the audit process.
- The goal was to develop a system with features such as auto-completion, suggested schedules for audits, templates for various reports, and progress tracking of audits. We developed the system using Ruby on Rails, HAML, and SCSS.
- The system significantly reduced the time for an audit process and is a UI upgrade from their current system.

Ins and Outs of Sheffield - React Native + Spring Boot (Nov 2024 – Present)
- Leading a diverse student team to develop a mobile platform that shares location-based university hacks, clubs, and events
- Oversaw architecture design, built Spring Boot REST API, and led weekly stand-ups to guide Agile development across frontend & backend
- Project aims to support over 500 students and improve campus on-boarding and engagement

LEADERSHIP & WORK EXPERIENCE

Team Lead, Black Students in Tech (Nov 2024 – Present)
- Leading cross-functional student team building real-world apps (React Native + Spring Boot).
- Managing Agile sprints, mentoring peers in Git, backend setup, and debugging.

Part-Time Jobs (Travelodge, JD Sports, Manchester Airport) (October 2022-Present)
- Developed strong communication, multitasking, & problem-solving skills in customer-facing roles.

CERTIFICATIONS & TRAINING

- AWS APAC Solutions Architect
- Lloyds Data Science Job Simulation
- Bug Bounty Hunter Course

SECURITY CLEARANCE

- Eligible for UK Government SC Clearance (Over 6 years of UK residency)