

# Benas Kuliesis

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## EDUCATION

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### Queen Mary University of London

BSc Computer Science (Expected First Class Honours, 81% average)

London, UK

Expected Graduation, Jun 2026

- **Relevant Modules:** Object-Oriented Programming, Data Structures & Algorithms, Database Systems, Software Engineering, Data Mining, Big Data Processing, Operating Systems

### St Gregory's Catholic Science College

A-Levels: Mathematics (A\*), Further Mathematics(A\*), Computer Science (A)

London, UK

Sep 2021 – Jun 2023

## EXPERIENCE

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### Amazon.com

London, UK

Software Development Engineer Intern

Jun 2025 – Sep 2025

- Automated the Quarterly Business Review metrics collection process for the organisation, consisting of **50+ metrics**.
- Coordinated with **5 teams** to trace data sources of metrics and resolved inaccuracies and flaws in logic.
- Built end-to-end infrastructure using **AWS CDK/CloudFormation**; configured **QuickSight** datasets with complex **Athena SQL** queries consisting of many data sources; set up data access using **Lake Formation** and **Lambda** functions.
- Delivered a **QuickSight** dashboard embedded in an internal wiki page automating **~80% of metrics**, enabling precise weekly, monthly, and quarterly tracking; praised by manager's manager: "**This will make your lives 100x easier**".

### Freelance

London, UK

Full Stack Engineer

May 2025 – Dec 2025 (Expected)

- Architecting and developing lottery-style cash competition platform for startup single-handedly to handle real-money transactions and manage **10,000+ tickets per competition**, using **Next.js**, **Supabase**, **Prisma ORM**, and **TypeScript**.
- Implementing instant-win mechanics with randomised ticket allocation and secure payment infrastructure using **Prisma transactions** to ensure atomic operations across purchases, wallet updates, and ticket assignments.
- Developing comprehensive admin dashboard for competition management and prize fulfillment workflows.

## UNIVERSITY GROUP PROJECTS

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### Pet Minding Web App

London, UK

Team Lead

Jan 2025 – Apr 2025

- Led a **team of 7** to build a full-stack pet minding platform connecting pet owners and local minders, managing requirements gathering, system design, and implementation while dedicating **12+ hours** to mentorship.
- Developed core features including booking system with request/acceptance workflows, browsing page with **4+ filters**, dual-dashboard architecture with **6+ profile management features**, and real-time **WebSocket** notifications.
- Conducted extensive code reviews across **TypeScript/React.js/Express.js** codebase to maintain quality standards, delivering a fully functional prototype rated highly for technical execution and teamwork.

## SKILLS

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**Programming Languages:** Python, Java, JavaScript, TypeScript, PHP, SQL

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Prisma, TailwindCSS

**Databases & Cloud:** PostgreSQL, MySQL, Supabase, AWS (CDK, Athena, Glue, S3, Lambda, QuickSight)

**Tools:** Git, GitHub, VS Code, Cursor, Figma, Visual Paradigm, Notion, Jupyter Notebook, Vite