

Benas Kuliesis

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EDUCATION

Queen Mary University of London <i>BSc Computer Science (First-Class Honours)</i>	London, UK 2023 – 2026
St Gregory's Catholic Science College <i>A-Levels: Mathematics (A*), Further Mathematics (A*), Computer Science (A)</i>	London, UK 2021 – 2023

EXPERIENCE

Amazon Prime Video <i>Software Development Engineer</i> <i>Software Development Engineer Intern</i>	London, UK Sep 2026 – Present 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: <i>"This will make your lives 100x easier"</i>.	
Freelance <i>Software Engineer</i>	London, UK May 2025 – Jan 2026
Sole engineer on a prize competition platform for a startup client (Next.js / TypeScript, Supabase Postgres + Prisma); owned architecture, backend, frontend, auth, admin tooling, and deployment. - Pre-generated competition ticket inventories in batches (5,000 rows at a time) and built random ticket allocation tuned for competitions of 10,000+ tickets. - Implemented concurrent-purchase safety with Postgres row-level locking; bundled wallet debit, ticket reservation, purchase records, and instant-win workflow into one atomic Prisma transaction.	

PROJECTS

Lingua: Multilingual Messaging App <i>Individual Final-Year Project</i>	London, UK Oct 2025 – Apr 2026
- Designed, built, and shipped a React Native (Expo) iOS and Android multilingual messaging app, used in real cross-language conversations by 13 beta testers across 10 languages, rated 4.9/5 overall. - Engineered serverless real-time backend on AWS with separate HTTP and WebSocket API Gateways, Lambda (Express for HTTP), DynamoDB, S3, and Neon PostgreSQL via Prisma ORM; deployed with AWS CDK. - Secured the application with AES-256-GCM at-rest message encryption (keys derived from AWS Secrets Manager), TLS in transit, and JWT-verified passwordless OTP authentication via Cognito. - Benchmarked 3 translation providers (Amazon Translate, Google NMT, Google LLM) on FLORES-200 across 6 language directions with <i>chrF/BLEU</i> plus qualitative case studies; selected Google LLM for production.	
GoFetch: Pet Minding Platform (Prototype) <i>Group Project (Team Lead)</i>	London, UK Jan 2025 – Apr 2025
- Led a team of 7 to design and build a pet minding platform connecting pet owners and local minders. - Architected and shipped core features: booking workflow (request/acceptance), filtered browsing for minders, and dual role-based dashboards for owners and minders. - Reviewed and approved merges across 5,000+ lines of TypeScript/React/Express, setting branching/PR standards adopted by the team.	

SKILLS

Languages: Python, Java, TypeScript, JavaScript, SQL

Frameworks: React, React Native (Expo), Next.js, Node.js, Express.js, Prisma, Zustand, TailwindCSS

Databases: PostgreSQL, Supabase, Neon, MongoDB, DynamoDB

Cloud & Data: AWS (CDK, Lambda, API Gateway, Cognito, RDS, S3, Athena, QuickSight), Apache Spark, PyTorch, NumPy

Tools: Git, GitHub, Docker, Jupyter Notebook