

# Aimee Ha

(+44) 7858 606 430 | [aimee.ha95@gmail.com](mailto:aimee.ha95@gmail.com) | [linkedin.com/in/thuong-ha-719308116](https://www.linkedin.com/in/thuong-ha-719308116) | [github.com/AimeeHa](https://github.com/AimeeHa) | London N11

## EDUCATION

### MSc in Computer Science with Artificial Intelligence

Mar 2024 - Mar 2026

*University of York*

- Key modules: Advanced Programming, AI & Machine Learning, Big Data Analytics, Computer Networks.

### Front-End Developer & Back-End Developer Professional Certificates

Apr 2023 - Oct 2023

*Meta*

- Key modules: Software Development Life Cycle, Principles of UX/UI Design, Databases, APIs, Advanced React.

### Harvard CS50's Computer Science Courses

Jun 2022 - Jan 2023

*Harvard University*

- Key modules: Algorithms & Data Structures, Encapsulation, Resource Management, Security, Web Development.

## TECHNICAL SKILLS

**Languages & Frameworks:** Python, Java, Typescript, Javascript, React.js, Next.js, Django REST, Tailwind CSS.

**Tools & Technologies:** MySQL, MongoDB, Pandas, NumPy, Scikit-learn, Material UI, Git, AWS.

## EXPERIENCE

### Software Dev Engineer Intern

Apr 2025 - Jul 2025

*Amazon - Prime Video & Studios CoreTech Department*

*London, UK*

- Designed and implemented the core diff engine in Java to extract changes of complex nested contract objects across revisions, a crucial component for eliminating duplicated inputs and improving efficiency in two key team projects.
- Built and launched the team's first GenAI-powered contract change summarisation using Amazon Bedrock, along with a targeted approval routing feature that reduced 68% of unnecessary contract revision notifications, earning strong recognition from Business and Finance partners.
- Collaborated with senior dev engineers and cross-functional stakeholders through code reviews, demos, and design discussions to ensure high feature quality and maintainability.
- Gained hands-on experience with Java Dependency Injection, unit testing practices, and writing comprehensive design documentation aligned with production standards.

### Management Accountant

May 2019 - Apr 2023

*Stuart Delivery Ltd.*

*London, UK*

- Analysed large delivery datasets of over 1 million deliveries weekly using pivot tables, resolving challenges from the diamond-tier client's Finance team and securing incremental weekly payments from 3.7 million GBP in 2020 to over 8.2 million GBP within the following two years (89.7% to 95.6% of total revenue).
- Implemented automated Excel files to reduce booking preparation time during month-end closes, most notably for payroll reconciliation by approximately 87.5%, from two hours to fifteen minutes.

## PROJECTS

### TLDW - Too Long, Didn't Watch | Python, Next.js, React, Typescript, MongoDB, Git, Kubernetes

[tldw.pro](https://tldw.pro)

- Collaborated with a senior software engineer to develop a YouTube video summarisation tool using LangChain, saving users 98% viewing time for every 15-minute video by generating a summary in 20 seconds.
- Adapted an open-source LLM chat component for the AI Chat feature, analysing undocumented parameters to align its UI and functionality with the application's design.
- Led the web application development for the solution using Next.js, integrating Clerk API for user authentication & management and Stripe for subscription payments.

### Itinerary Genie | React, Typescript, Node.js, Tailwind CSS, MongoDB, Git

[travel.aimeeha.dev](https://travel.aimeeha.dev)

- Developed and deployed a personalised itinerary planning web application from Figma design, leveraging the OpenAI API to generate trip schedules tailored to user preferences such as destination, stay duration, and activities.

### Brainy Cards | Python, Django REST, SQLite, React, Typescript, HTML/CSS, Git

[flashcard.aimeeha.dev](https://flashcard.aimeeha.dev)

- Created and maintained a flashcard platform with a CSV import feature for quick bulk creation of flashcards, leveraging Django ORM and serializers for efficient data handling and retrieval.

## REFERENCES

Available upon request.