

MIKEE CHONG

Software Engineer (with 3 years of experience in Data and Full Stack Engineering)

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Skills

Programming Languages: TypeScript | JavaScript | C# | Python | HTML | CSS | R | SQL | MongoDB | Next.js | ReactJS | .NET
Development: Full-stack | Web | Mobile | UI/UX (React, React Native) | API | Microservices | Cloud Integration (Azure, AWS, S3)
Technologies: Microservices | Cloud Computing | API Development | GenAI

Experience

Accenture Technology: Software Engineer

London, United Kingdom **Sept 2022 - Current**

Worked on multiple greenfield (0 → 1) projects with clients from Tech to Healthcare and Retail sectors. Notable projects include:

Full Stack Engineer – UK Health Client

- Developed a full-stack web application using **Azure Functions, Python, React/Typescript and PostgreSQL** to automate the upload of poison information, which serves over 1 million users worldwide. Improved clinical efficiency and saving the client over £100k annually by replacing its current manual process
- Acted as frontend lead, collaborating with Product Manager, Designers, Business Analysts and QA Testers to develop a user-centric, accessibility-friendly product

Scrum Master/Full Stack Engineer – Genesis

- Ideated and developed Genesis, an idea crowdsourcing platform, using **React/TypeScript, Python/FastAPI, Azure SQL**, hosted on **Azure**
- Led an 8-member team, managing project timelines, sprints, project documentation, code reviews and developed CI/CD pipelines
- Led frontend development, and worked with 2 frontend developers through iterative cycles of design and development (MVP, gamification, feature roll-outs etc.)

Software Engineer – Cheffy

- Developed a mobile app prototype using **React Native** as a GenAI use case for MongoDB's Atlas Vector Search in an Accenture-partner hackathon. My team of 2 won the hackathon and had the honor of presenting our idea to potential clients, resulting in a £2.2M deal

Software Engineer – UK Retail Client

- Developed an enterprise-level .NET application with Cron scheduling to automate processing of real-time data for a Merchandise Financial Planning platform handling £36 billion of revenue annually, leveraging **AWS, .NET/C#, MongoDB and Docker**
- Developed ETL/ELT pipelines, optimized data processing using **SQL** and **MongoDB** aggregation pipelines from various data sources (**Kafka, S3, Snowflake**)

CircleBe: Lead Developer

London, United Kingdom **Jun 2023 – Aug 2024**

- Developed the MVP (mobile and web) for a start-up aimed at connecting experts around the world, leveraging **Swift, .NET/C#, Webflow**

University of Hong Kong: Senior Data Analyst

Hong Kong **Aug 2021 – Aug 2022**

- Conducted data analysis to uncover relationships in antibiotic resistance gene transmission in Hong Kong, a 3-year study. Presented findings in international conferences and secured HKD\$2M in grant funding for further research from our findings
- Modelled data using **R, Tableau, PowerBI and SQL** to visualize and explain entity relationships; automated data pipeline processes to enhance efficiency in data extraction, cleaning, and pre-processing

Education

University College London (UCL)

London, United Kingdom **Sept 2015 – Oct 2020**

- PhD in Child Health (Genetics and Genomic Medicine)** – Discontinued
- BSc Applied Medical Sciences** – 1st Class Honours

Mentorship

Accenture Early Talent Training Lead: Developed a curriculum and led training for early-career engineers at Accenture, teaching them engineering concepts (Object-Oriented Programming/Data Structures/Cloud Computing), and the most in-demand skills on the account (**Java, Kafka** and **AWS**) to prepare for staffing on projects. Performed code reviews, led meetings to guide personal development, track training progress and hosted 'Lunch & Learn' sessions to foster a collaborative, learning-focused engineering environment. Achieved a 90% successful staffing rate within 6 months.

Certifications

Google Data Analytics (2022) | Google Cloud Practitioner (2023) | MongoDB Associate Developer (2023) | MongoDB SI Associate (2023) | Azure Associate Developer (2024)