

# MARTIN MIKUSOVIC

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Software Engineer at Meta with expertise in mobile and full-stack development, backend services, and cloud solutions on AWS. Proven in handling high-traffic systems and ensuring operational excellence.

## EDUCATION

MSci Computer Science (Artificial Intelligence) | King's College London 2018 - 2022

- Achieved an 'A' grade in all modules. Graduated with First Class Honours, GPA: 4.0/4.0.
- Awarded Best Performance Prizes in Years 3 & 4 (Springer Nature Prize - 2020/21; Informatics MSci Year 4 Prize - 2021/22).

## WORK EXPERIENCE

Meta | Software Engineer | London, UK March 2025 - Present

- WhatsApp

Amazon | Software Development Engineer II | London, UK April 2024 - March 2025

- **Visuals Team:** Developed and maintained full-stack services for Alexa Devices (Web, Mobile, Echo) using Java (backend) and TypeScript, CSS, HTML, React (frontend).
- **Stream Team:** Worked on service providing personalised stream of content (news, videos, local events, ...). Worked mainly with Java, Python and AWS services (such as OpenSearch and SageMaker) and collaborated closely with team of scientists to integrate machine learning models.

Amazon | Software Development Engineer I | London, UK July 2022 - March 2024

- **Alexa Images Team:** Responsible for providing the most appropriate images for customer's question. Designed and implemented a robust Ingestion Pipeline processing over 100 million images. It consists of AWS Lambda microservices built in Python and Java, accessible via an API Gateway, connected with SQS and communicating with DynamoDB and S3.
- **Q4 Peak 2022:** Led efforts of our team to prepare for peak traffic during Christmas - more than 3500 TPS (~5x traffic increase from last Christmas). Scaled our fleet, updated alarms and throttling limits, ran load tests, and collaborated with upstream and downstream teams to resolve issues. We encountered no issues during the peak.
- **Visuals Team:** Built visual components for Alexa using Java and Alexa Presentation Language, managing high-traffic systems.

Amazon | Software Development Engineer Intern + Part time | London, UK June 2021 - June 2022

- **Alexa Images Team:** Responsible for providing the most appropriate images for customer's question. Created an internal tool for exploring our collection of images based on popularity using React frontend, Java backend, running on AWS. Later built and improved our services primarily using Java, Python, and JavaScript, leveraging AWS.

QBSW | iOS Developer (Part time) | Remote May 2017 - November 2021

- Worked in a team of 2 iOS Developers and collaborated with key stakeholders such as PMs, Analysts, Backend Engineers.
- Successfully published 12 apps for variety of clients; such as a major health insurance provider in Central Europe.

## VOLUNTEERING

Karma Volunteering | Mobile App Developer | London, UK January 2020 - September 2020

- Led a Flutter-based volunteer-finding app, recognized as the best university project (8-person team).
- Voluntarily polished and published the app to the App Store and Google Play after project completion.

## EXTRA-CURRICULAR

Apple WWDC17 | San Jose, California, USA June 2017

- Winner of a student design and coding competition, rewarded by reimbursement for the conference.
- Submitted a Swift-based game and essays describing it and how I share my knowledge with others.

KCL Tech Society Committee member | London, UK October 2018 - June 2022

- Ran iOS Workshop for 3 months and helped to organize many events and hackathons (HackKing's).

## SKILLS

- **Programming languages:** Java, Python, JavaScript, TypeScript, HTML, CSS, Swift, Dart, C++, PHP, SQL, Scala
- **Technologies:** AWS, React, iOS Development, Flutter, Artificial Intelligence, Machine Learning
- **Languages:** Slovak (Native), English (certificate IELTS | level C1), German (certificate DSD II | level C1), Czech (Native)