Sarah Williams

London, United Kingdom

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Education

Imperial College London

Master of Science in Computer Science

Sep 2019 – Jun 2021 | London, UK

GPA: 3.8/4.0

Activities: Women in Tech Society, Hackathon Mentor, Code First Girls Ambassador

Relevant Coursework: Advanced Algorithms, Machine Learning, Computer Vision, Natural Language Processing, Cloud Computing, Cybersecurity, Software Engineering, Data Mining

Undergraduate: University of Manchester, BSc Computer Science (First Class Honours)

Work Experience

Full Stack Developer | Monzo Bank | Aug 2021 - Present | London, UK

- Led development of customer-facing web applications using React and Node.js, improving user experience and increasing engagement by 27%.

- Implemented microservices architecture with Kubernetes, resulting in 50% improved service scalability.

- Collaborated with data scientists to integrate ML models for fraud detection, reducing false positives by 35%.

Skills

Programming: JavaScript, TypeScript, Python, Java, Ruby, SQL

Frameworks: React, Node.js, Express, Django, Ruby on Rails

DevOps: Docker, Kubernetes, AWS, GCP, Azure, Terraform

Databases: PostgreSQL, MongoDB, DynamoDB, Cassandra

Tools: Git, JIRA, Confluence, Jenkins, CircleCI

Methodologies: Agile, Scrum, TDD, BDD, Microservices

Other: REST API Design, GraphQL, WebSockets, OAuth, JWT, Responsive Design

Certificates

AWS Certified Solutions Architect – Professional

Google Cloud Professional Data Engineer

Certified Kubernetes Administrator (CKA)

Certified Scrum Master

Awards

Best Tech Innovation Award – London Tech Week 2022

Finalist – Women in FinTech Hackathon 2021

Google Women Techmakers Scholar 2020