

Remi Bahar

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Objective

Proactive and quick-learning software engineer with extensive experience at Lloyds Banking Group, leading the development of numerous commercial web applications from requirements gathering to deployment into production. This has involved developing microservice-based systems with the Spring Cloud Netflix stack, gaining a strong background in CI/CD, and engaging directly with stakeholders.

Education

First MSc Computer Science, Queen Mary University of London **2021 - 2022**

Developed expertise in Cloud Computing, Distributed Systems, Security and more.

2:1 BSc Physics, University of Birmingham **2018 - 2021**

Significantly developed problem-solving skills solving a variety of often unfamiliar problems from first principles and cultivating a strong mathematical background.

A*AA A-Levels, Langley Grammar School **2015 - 2027**

6 A*'s, 3 A's, 1 B GCSE's, Long Close School **2010 – 2015**

Skills

Back-End: Java (Spring-Boot) 2+ years, Python (Django, Data Science) 3+ years, Kafka, IBM MQ.

Front-End: React, HTML, CSS.

Tools: Jenkins 1+ years, UCD 1+ years, Docker 1+ years, GCP, OCP, Splunk, Linux.

General: Version Control (Git), Mathematics, Testing (manual, automated, TDD), Agile.

Experience

Software Engineering Graduate, Lloyds Banking Group **September 2022 - Present**

- Led the development of a new Java microservice-based data platform to aggregate trade data from numerous systems into a PowerBI dashboard. This allows real-time monitoring of performance metrics. It was delivered a year ahead of schedule and is now used by 100+ traders daily and capable of processing 10 million trades.
- Balanced development with mentoring a fellow graduate who joined the team and building a close rapport with stakeholders to ensure the project was a success.
- Expanded the CI/CD pipeline to deploy the team's first cloud microservice onto OCP.
- Developed a web-application to display FX quote information using React for the front end and Spring-Boot for the back end.

Test Engineer, ComXo Ltd **March 2022 – September 2022**

- Led comprehensive testing of the company's redesigned mobile application, introduced automated testing in C#, and developed a custom documentation website.

Web Designer, Comfort Care Services**July 2019 – September 2019**

- Collaborated with management to gather project requirements, create detailed specifications for project deliverables, and communicate specifications with an outsourced development team.

Web Developer, Comfort Care Services**August 2017 – September 2018**

- Developed bespoke web-applications using PHP, MySQL, HTML and CSS to digitise the organisation's manual administrative processes.
- Digitised the complex and manual Excel-based audit process by developing a web-based audit system. Worked closely with the audit team to ensure it met their requirements and ways of working. The result was a solution that saved auditors several hours per week by automating their report generation and data gathering.

Projects

Dissertation (Microservice Healthcare management system), cmd Consulting GmbH, Queen Mary University of London **2022**

- Implemented a gateway handling authentication, JWTs, redirects, IAM and patient service implementing authorization. Capable of handling 1000+ simultaneous users. Used Java Spring-Boot.

Academic Project (Distributed processing of matrix calculations), Queen Mary University of London **2022**

- Increased performance by over 300% using 8 gRPC google cloud servers and 1 client to perform distributed matrix calculations. Used NodeJS and Express.

Group Project (using reinforcement learning to optimize swing pumping), University of Birmingham **2021**

- Worked in a team of 14. Led the development of a physiologically accurate model of a human that could perform standing and squatting movements. Organised the team's work using GitHub and devising a high-level plan.

Activities and Interests

TargetJobs Rising Star Award Nominee **2023****Top 3 in Reboot Hackathon** **2022****Volunteering with IVHQ in Nepal** **June 2018**

- Taught English to Primary School students for a month in a government school in Pokhara, Nepal.

Silver Duke of Edinburgh Award **2015 - 2017**

- Involved learning first-aid, kickboxing, volunteering at Age Concern Slough, and a team-expedition to the Peak District.

National Citizenship Service Challenge **July 2016**

- Pitched in a team to local businesses to hold a fun day for children with autism. Donated proceeds to Slough crossroads.