

# Jacob Hampton

Senior Full Stack Software Engineer  
Manchester Based

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## EXPERIENCE

### Capgemini Invent | Public Sector — Tech Lead/Senior Software Engineer

JUNE 2023 - PRESENT

Working on a data project to serve a high performance data store and analytics platform for a section of the public sector, starting off as a senior developer working on developing the CDC method eventually stepping into the role of tech lead to manage a team of roughly 11 engineers and analysts to deliver metrics and deploy services onto the datastore. As a tech lead I have made many decisions including the move to Kafka to decouple from microservices and reduce our impact whilst still maintaining an effective CDC process.

Databricks, Java, Spring Boot, MongoDB, CDC, TypeScript, React, AWS, Kafka

### Capgemini Invent | Public Sector— Senior Software Engineer

OCTOBER 2022 - JUNE 2023

Working alone to maintain and improve two existing solutions and solve tech debt. I was in charge of the switch from REST to GraphQL and got to oversee the improvement of the in-house fuzzy logic address matching system including manually calibrating the weighting of each part of an address.

Java, Spring Boot, AWS, MongoDB Atlas, Fuzzy Logic, Elasticsearch, GraphQL

### Capgemini Invent | Public Sector— Full Stack Software Engineer

APRIL 2022 - OCTOBER 2022

Initially joining the team as one of two front end developers I quickly stepped into the role of full stack engineer as I worked on every element of a like-for-like rebuild of a legacy system to meet every MVP on time.

NodeJS, TypeScript, React, Microservices, AWS, Axios, ExpressJS

### Radius Payment Solutions | Private Sector— Java Developer

NOVEMBER 2019 - APRIL 2022

Maintain, improve and develop new features for a monolithic internal CRM system as well as develop newer solutions to deal with new problems in a fast-growing business and solve tech debt..

Java, Spring, Spring boot, Keycloak, Oracle SQL, TypeScript

## PROJECTS

### Consume - <https://github.com/jacobia/consume>

An exploratory project writing my own wrapper for the HTTP library that NodeJS offers in an effort to understand the process of client, server interactions and the HTTP process.

## TOOLS

AWS, Git, GitHub, GitLab, Docker, Google Cloud, Postman, Insomnia, Trello, Jira, Confluence, Netlify, Digital Ocean, Vercel, Unity, Plastic SCM, Jenkins, GrayLog, Terraform

## FRAMEWORKS & LIBRARIES

React, React Native, NextJS, Spring Boot, Svelte, ExpressJS, Axios, Mongoose, GraphQL, Prisma, Drizzle ORM, JQuery, Electron, Phoenix

## LANGUAGES

TypeScript, JavaScript, Java, C#, HTML, CSS, Sass, Elixir, Python, SQL

## INTERESTS

Skateboarding, Hiking, Video games (Skyrim, Baldur's Gate, Elden Ring, Souls), Puzzles, Cooking, Game dev and of course, learning new tech!

## EDUCATION

### 1st Computer Games Programming

BSc

De Montfort University

2016 - 2019

### D\*D\*D\* Computing BTEC

Newcastle-Under-Lyme College

2013 – 2016

## OTHER WORK ROLES

Nandoca, Nandos | 2015 – 2019

Volunteer, The Princes Trust | 2013

Volunteer, Keele University | 2013