

Joseph Scott

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Profile

An experienced software developer with a track record of delivering high-quality solutions. I am looking for a collaborative, friendly and forward-thinking team where I can continuously improve my skills and contribute to the development of cutting-edge solutions. I am enthusiastic about working with like-minded professionals who share a passion for innovation and value-driven results. My Skills include:

Product Management

- User Research and Analysis
- Stakeholder Management
- Collaboration & Communication
- Agile Processes

Software Development

- AWS
- Micro Service Architecture
- User Centered Design
- GraphQL, REST
- Typescript (NodeJS, React), Java
- CSS/SCSS, HTML, Material UI
- CircleCI, TravisCI
- Git

Professional Experience

Senior Software Developer | Resilient PLC, London

December 2020 – Present

- Developed cross team web components with React, implementing auto generating docs with Storybook and CD with CircleCI
- Migrated an on-prem legacy voice networking service with 100k+ calls per day to EC2 with zero downtime and allowed NOC to decommission one of our datacenters
- Using S3, Athena and Looker, I created cross organisation analytics that Product could use which led to a \$12 million contract
- Led a database migration from RDS to DynamoDB with zero downtime, resulting in an annual cost reduction of \$14,000
- Optimised AppSync queries by implementing server side caching with DynamoDB, resulting in a 70% reduction in response time
- Created E2E test suite using CodeceptJS. Replacing 50 minute manual tests with 5 minute automated ones
- Developed cross account, cross region deployment strategy. Allowing our team to spin up all its AWS services to a new region within a day
- Implemented global service monitoring solution using CloudWatch and Google Chatrooms, notifying our team within 5 minutes of a major service outage

Full Stack Software Consultant | Lampada Digital Solutions, Hull

October 2018 – October 2020

- Spent a year in a postgraduate academy, learning the fundamentals of software development in a live commercial environment
- Took an Event planning solution through its entire product life cycle, this included developing RESTful microservices using Java and Dropwizard, development of a single page application using Angular and deployment onto AWS with TravisCI
- Became a certified Agile practitioner
- Hosted weekly user research sessions, sharing prototypes I designed in Figma to gather user needs
- Consulted on two projects shown below

Full Stack Developer | KCOM, Hull

February 2020 – October 2020

- Researched and documented web design standards for use in a design system, presenting findings to stakeholders every 2 weeks
- Consulted with customers on user centric design, influenced KCOM to take part with our workshops within a week
- Developed web components in StencilJS with a minimum AA WCAG standard, all tested in Jest and Puppeteer

Full Stack Developer | Seed Software, Hull

October 2019 – January 2020

- Guided the transformation of the development team to use agile processes, stopping continuous delivery failure after 2 sprints
- Enforcing rigorous testing methodologies, achieving an increase in test coverage from 5% to 50% during my time there
- Engaged with customers to discuss project progress, collected feedback and directly address concerns while representing Seed Software at a customer conference hosted at York Fire Station

Education

Msc in Mathematics | 2:1 with Honours, University of Hull (Equivalent to 3.7 GPA)

Graduated 2018

- Worked part-time as a teaching assistant, helping a class of first years with MATLAB and Latex
- Final year thesis involved researching and coding a MCMC (Monte Carlo Markov Chain) graph in MATLAB