

JOSEPH SPINKS

Software Engineer

📞 07896572500

@ joe-spinks@live.co.uk

📍 London

SUMMARY

I'm a software engineer based in London transitioning from a career as a Sustainability Consultant. I have with 4 years of experience leading projects and engaging stakeholders. I'm a graduate of the Le Wagon Web Development bootcamp, and successfully led my team in developing a web-based geosocial app to find people with common music interests.

EXPERIENCE

Sustainability Consultant

Pick Everard

📅 03/2022 - Present 📍 London

My current responsibilities include:

- Leading environmental assessments to evaluate the potential effects of a project on the environment and identify opportunities for sustainable design.
- Undertaking and advising clients on strategies to meet Green Building certifications which include energy efficiency & carbon reduction, water efficiency, health & wellbeing and materials selection.
- Modelling the embodied carbon impacts of building design by undertaking Life Cycle Assessments of the raw materials and recommend strategies to clients to minimise embodied carbon impacts.

Sustainability Coordinator

UK Parliament

📅 03/2020 - 03/2022 📍 London

My responsibilities included:

- Developing and implementing sustainability strategies aligned with the UK Parliament's goals and environmental policies.
- Monitoring and reporting on the environmental performance of buildings across the Parliamentary Estate.
- Engaging with MPs and parliamentary offices to promote sustainability practices.
- Supporting strategies to achieve net zero carbon by 2040.

PROJECTS

Jamm: Geosocial music application

- Successfully pitched application and led a team of three.
- Implemented frontend features utilising HTML5, CSS, client-side scripting, including DOM manipulation and asynchronous requests and responsive design principles.
- Implemented backend features using Rails and MVC principles to successfully implement user authentication and authorisation systems, and WebSockets for real-time chat functionality.
- Deployed project with Heroku demonstrating familiarisation with DevOps and Deployment.

Band Spaces: E-commerce application

- Implemented backend features such as a booking system and search & filtering.
- Supported the development of mapping and geolocation features for displaying property locations.
- Utilised frontend Frameworks such as Bootstrap to develop a responsive and visually appealing design at a rapid pace.
- Implemented database features using Active Record in Rails.

FIND ME ONLINE



Portfolio

<https://josephspinks.dev/>



GitHub

<https://github.com/J-Spinks>



LinkedIn

<https://www.linkedin.com/in/joseph-spinks-539b92188/>

QUALIFICATIONS

Web Development Bootcamp

Le Wagon London

📅 01/2023 - 07/2023

- BCS accredited 26 week part-time intensive bootcamp.
- Further developed programming skills.
- Built on previous software engineering knowledge and problem solving skills.
- Successfully pitched and led final project.

MSc Politics and Research Methods (distinction)

University of Bristol

📅 2018 - 2019

- Experience working with quantitative research methods and dataset manipulation.
- Dissertation on 'degrowth' economics and the environment achieved first class grade.
- Epistemological and Ontological skills, demonstrating a deep understanding of knowledge acquisition and organisational structures.

SKILLS

Programming Languages: Ruby

Javascript Python SQL

Web Development: HTML5 CSS

React Ruby on Rails Node.js

Database Technologies:

PostgreSQL SQLite MySQL

Version control: Git Github