James Leach

Full stack developer

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○ JFL110

Enthusiastic, proactive and independent full stack developer with four years professional experience and over 14 years learning and working on personal projects. More details and examples of recent work can be found on my online CV.

Development experience

Freelance
2020 - present

Developing an educational product to produce customisable worksheets for STEM subjects. The project involves creation of a web interface, backend user management system and an API for other developers to add content.

Adding custom functionality to Oracle NetSuite and building integrations with Java for a consultancy.

ALFA Systems, London
2016 - 19

Software Consultant

Developed, maintained and provided support for a Java-based asset-management software used by lenders across the globe.

Specialised in Business Intelligence with a focus on concurrency, performance and stability. Improved the speed of a several-billion-record Extract Transform Load process from eight hours to less than three. Quickly became an authority in the area.

Conceived and built a number of tools to aid developers and support teams.

Assisted international clients on-site with SQL report writing.

Delivered numerous training sessions to experienced colleagues and new hires.

Technologies

Java   AWS   SQL   NoSQL   Netsuite

C#   Javascript   React + Redux

Webpack   HTML   Sass   GitHub Actions

Other experience

Building a motorhome and traveling
2019 - 20

Converted a pickup truck to a 4x4 motorhome by designing and building a fiberglass body completely from scratch.

Required extensive research, planning, budgeting and learning a number of new skills.

Travel itinerary was unfortunately brought to an early close by COVID-19.

El Ministerio de Educación, Colombia
2015 - 16

Full-Time Volunteer English Teacher

Taught classes of up to forty state-school teenagers, both alone and cooperatively with local teachers.

Created an educational App to utilise previously unused tablets in the classroom.

Completed a Cambridge CELTA English teaching course in preparation.

Imperial College London
2010 - 14

MEng. Chemical Engineering

Managed a number of team projects and brought software skills to the course, running training sessions on LaTeX markup-language and Autodesk 3D modeling software.

Led the restoration of a classic Mini as Car Officer of the Imperial CGCU Motor Club.

Hobbies

✖ Car mechanics, robotics, inventing

▲ Hiking, camping running