

James Leach

Full stack developer

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📍 JFL110



Enthusiastic, proactive and dependable full stack developer with four years professional experience and over 14 years learning and working on personal projects. I write clean, well-tested and performant code and have a practical attitude to solving problems.

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 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 regular training sessions to experienced colleagues and new hires.

Technologies

Java

AWS

Spring

Oracle and MySQL

NoSQL

C#

Javascript

React + Redux

HTML

Sass

Netsuite

GitHub Actions

Other experience

Building a motorhome and travelling

2019 - 20

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

Required extensive research, planning, budgeting.

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