

# James Leach

Full stack developer

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Beginning with my first website at age eleven, I have been coding for over 17 years. In this time I've learnt to write clean, well-tested and performant code and to identify problems before they happen. I am known for approachability, great quality work and creating tooling that makes life better for the whole team.

More details and examples of recent work can be found on my online CV.

## Development experience

### Freelance

2020 - present

Independently developing an educational product to produce custom worksheets for STEM subjects. The project involves the creation of a web interface, backend user management system and an API for 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 and took ownership of key developments.

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 on Java, SQL and internal frameworks.

## Technologies

Java

AWS

Oracle and MySQL

NoSQL

Spring

Hibernate

JUnit

C#

Javascript

React + Redux

HTML

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.

### El Ministerio de Educación, Colombia

2015 - 16

Full-Time Volunteer English Teacher

Taught classes of up to forty state-school teenagers as well as improving teachers' English and course materials.

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 several team projects and brought software skills to the course, running training sessions on LaTeX markup-language and Autodesk 3D modelling 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