





David James

Software Engineer

CONTACT

-  +44 7812 163982
-  dvdjms@hotmail.com
-  david-james-2b949979
-  github.com/dvdjms
-  Edinburgh EH12 5DH

TECHNICAL SKILLS

Languages

- JavaScript
- TypeScript
- Python
- Java
- C#
- HTML & CSS

Technologies

- Django
- Flask
- Express
- Spring
- React
- ASP.net
- PostgreSQL
- Styled-Components
- Bootstrap

Other

- Git & GitHub
- Command Line Tools
- Some AWS Services

PROFILE

Driven software engineer with skills in frontend and backend technologies. With over a decade of experience in accounts and seven years in teaching, I transitioned into tech through CodeClan's Professional Software Development course. My volunteer work with the Scottish Tech Army has provided valuable real-world experience in deploying cloud-based solutions and integrating platforms, allowing me to deliver reliable, scalable technology solutions.

TRAINING

CodeClan

Sep 2022 to Feb 2023

Comprehensive 16-week programming course. SQA Accredited (Level 8). With over 800 hours of practical coding, individual and groups projects, and expert-led tuition. Included OOP, TDD, UX design, agile methodologies, version control, command line, and pair-programming.

PROJECTS

[View Portfolio](#)



WeatherWise

Python/Django/React/SQLite3

- Developed a fully responsive Weather app for a user to search 45,000 cities and get 24 hour and 10-day weather forecasts, taking advantage of APIs from openweathermap.org and met.no. Includes a My Locations dashboard with local time zones. Solo project.



Recipe Generator

C#/ASP.net/Angular

- Full stack application using C# and ASP.net, with an Angular frontend. Leveraging OpenAI's ChatGPT API, it allows users to select ingredients from a drop-down menu and instantly generate recipes. The generated recipes are displayed in a responsive popup modal. Solo project.



Learn Scotland

JavaScript/React/Express/Mongodb

- Full stack React application about Scotland allowing a user to interact with quizzes, see scores on a leader board, and post comments. This included a multiple choice, drag & drop, and map location quiz. Group project.

EDUCATION

MA International Communication
University of Leeds

BSc (Hons) Psychology
Open University

BA (Hons) Media Studies
De Montfort University

CAREER MOTIVATION

"Technology is not just my career. It's my passion. I am driven by the desire to create solutions that make a difference."

ACTIVITIES

Learning new technologies.

Independent travel to Europe, Asia, and North & South America.

Hiking and adventure.

World Cinema.

EXPERIENCE

Software Developer – Volunteer

Aug 2023 to present

Scottish Tech Army, Edinburgh / Kontroll Solutions, Edinburgh

- Automated project data and location pins on the Scottish Tech Army (STA) website, using APIs from Jira, Google Maps, and postcode.io, improving project visibility and access.
- Developed an AWS Lambda function to populate DynamoDB with Jira project data, enhancing functionality in the STA Volunteer App.
- Trained in AWS Cloud Development Kit (CDK) and deployed solutions.
- Collaborated with Kontroll Solutions to integrate Infraspark and Unleashed platforms via APIs, streamlining product and stock level synchronization.
- Utilized AWS Services including Lambda, API Gateway, EventBridge, DynamoDB, S3, Secrets Manager, and CDK to deliver cloud-based solutions.

Contact Tracer - Test and Protect Scotland

Oct 2020 to Sep 2022

NHS Lothian, Edinburgh

- Conducted in-depth interviews with Covid-19 positive cases. Identified contacts, high risk situations, public health concerns and infection patterns.
- Used CMS database to record information and communicate with Covid-19 positive cases and their contacts.
- Worked with employers to identify high risk individuals offering public health advice and guidance on best practice.
- Supporting the rest of the team, sharing knowledge, experience, and best practice to support improvements to overall program.

English Teacher

May 2014 to Aug 2021

Whales English, Beijing, China (Online) / Wall Street English, Ho Chi Minh City, Vietnam (Onsite) / Various Academies, South Korea (Onsite)

- Educated students of various ages and levels, from elementary to adult learners, in various settings including online, small classes, and social clubs.
- Utilised video software and advanced teaching tools for online classes and conducted trial classes for marketing to new students and parents.
- Self-prepared lessons and interactive activities to target receptive and productive skills, providing individual attention, assessment, and feedback.
- Prepared detailed reports for parents, assessed weekly homework, and provided individualized feedback to support student improvement.
- Demonstrated strong leadership and relationship-building skills, facilitating optimal learning environments.

Treasury Accountant

Jul 2007 to Jan 2014

Avison Young, Birmingham

- Key performer in a highly pressurised target driven environment to reconcile high profile accounts with up to £70 million of monthly transactions.
- Proven abilities in investigating, analysing, and problem solving.
- Resolved complex and challenging problems entailing in-depth investigation.
- Interpreted and presented numerical data accurately - Strong Excel.
- Made substantial contributions to improve team efficiency and effectiveness.
- Improved quality and accuracy of reconciliations with advanced Excel skills.
- Collaborated with internal and external stakeholders to deliver results.