Dymock Brett / Full-stack Developer

⦿ Oxford, UK ▯ +44 7938 817083 ✉ dymockbrett@gmail.com www.stackfullofcode.com

Creative and competent full-stack developer with 3 years' experience and

– a proven track record of delivering software solutions on-time and to specification.

– a strong foundation in data, programming languages and development methodologies.

– recent certifications in AWS and Azure .

Employment experience

Webexpenses - Junior Software Engineer, Witney UK   **May 2024 - Present**
Global expense tracking and reconciliation SaaS platform.

– Collaborated in an AGILE development and QA team, engaging in daily scrums and bi-weekly sprint planning and retrospectives.

– Utilized Java, Spring, Hibernate & SQL to deliver feature upgrades and complete bug-fixing tasks.

– Created new UI features using React and Typescript, based on Figma designs.

– Mastered the use of IntelliJ IDEA for development assignments.

– Worked closely with the testing team to resolve bugs and develop unit tests.

– Use of Git and Azure DevOps for version control, code review and collaboration.

– Implemented OAuth flows for setting up third-party integrations.

– Completed training on OWASP top 10 security best practices.

Effini - Software Engineer (remote)   **May 2022 - March 2024**
A data science and software engineering company based in Edinburgh, UK.

– Participated in the design, development and implementation of over 8 new software projects, adhering to best practices, coding standards and architectural guidelines.

– Developed and deployed Node.js web apps and serverless functions to AWS and Azure.

– Prototyped bespoke interactive dashboard visualisations.

– Delivered an automated Continuous Integration and Deployment platform using infrastructure as code on GCP with Terraform and Github actions.

– Collaborated on the deployment of a data pipeline to ensure continuous delivery of a replication database in Azure.

– Contributed to PySpark code for big data analysis using AWS Glue/EMR.

– Designed and developed relational database schemas and associated SQL code.

– Contributed to internal and client-facing documentation to ensure seamless project handover.

– Completed cyber-security, data governance and data privacy training.

– Studied for and attained Azure and AWS Certifications.

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I am a self-taught software engineer and I have gained a broad set of skills that can be applied across web technologies, data engineering and data science.

Java & SQL skills bootcamp - Aston University (online)   **Jan 2022 - Mar 2022**

  –   Degree-level content developed in partnership with CapGemini.
  –   Java & JUnit TDD.
  –   SQL procedures, indexes, constraints.

Full-stack developer traineeship - ITCS (online)   **Jan 2021 - Dec 2021**

  –   Demanding 1-year program involving self-study and tutor-led project work, developing a wide range of programming languages and skills - and the completion of portfolio projects.

Data science modules - Flatiron school (online)   **Mar 2018 - Dec 2019**

  –   Python-based data-science modules.
  –   Multiple linear regression, hypothesis testing.
  –   Numpy, Matplotlib, Scikit-learn, Pandas.

Skills

Programming Languages	Java, Python, SQL, HTML, CSS, JavaScript/Typescript, C#, PHP
Frameworks & CMS	Semantic UI, Bootstrap, Node.js, Vue.js, React, Wordpress, Elementor
CI/CD and Testing	Git & Github, Github actions, Terraform, Playwright, Cypress, Docker, JUnit
Tools and Libraries	VSCode, Postman, D3.js, SVG, Flourish, Tableau, Leaflet.js, Formio, Data tables, JQuery, BeautifulSoup
Databases	AWS DocumentDB, MongoDB, MS SQL server, MariaDB
Data Science	Jupyter notebooks, Pandas, Numpy, Scikit-learn
Cloud Technologies	AWS EC2, S3, Lambda, SES, API Gateway, Step Functions AWS Glue with PySpark Azure Azure Functions, SQL Server, Static Web Apps, Log Workspace Analytics, Azure Data Lake, Data Factory, Azure Synapse Analytics Azure SSO GCP Google functions, Firebase, GoogleVertex AI

Certifications

  AWS Certified Cloud Practitioner (2023) Microsoft Certified - Azure Fundamentals (2023)

Portfolio Projects - www.stackfullofcode.com

  –   [Gazetter](http://www.stackfullofcode.com): *Interactive map that allows the user to view top-level data for countries around the world (Leaflet.js, Bootstrap, 14 Apis, mobile and desktop compatible)*
  –   [Company Directory](http://www.stackfullofcode.com): *Intuitive interface for managing company employees, departments and locations (MariaDB, PHP, Semantic UI)*
  –   Theatre Royal Booking System: *Bespoke ticketing engine for a fictional theatre (Project lead - team of 5 developers, Java, SQL)*
  –   Data Science - Kings County House Prices Study: *House-price prediction model built in Python* [Presentation Slides](http://www.stackfullofcode.com) | [Jupyter Notebook](http://www.stackfullofcode.com)
  –   Data Science - Northwind traders data analysis: *Business insights using statistical tests* [Presentation Slides](http://www.stackfullofcode.com) | [Jupyter Notebook](http://www.stackfullofcode.com)