

Stephen Chambers

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PERSONAL STATEMENT

Career-changer with a strong background in Physics and Mathematics education, now fully committed to a new path in software development. Recently completed a full-stack developer traineeship, gaining practical experience with real-world projects using technologies such as JavaScript, Python, PostgreSQL, and React. Strong communicator, quick learner, and highly motivated to bring problem-solving and collaboration skills to a junior developer or entry-level tech role. Seeking a local or remote opportunity to contribute to a development team and grow within the tech industry.

PROJECTS

Gazetteer Web App

MOBILE-FIRST APP PROVIDING LOCATION BASED COUNTRY INFORMATION

Developed a responsive web application using HTML, CSS, JavaScript, and jQuery, with server-side PHP to integrate third-party APIs (GeoNames and OpenWeather). Prioritized usability and mobile-first design, implementing asynchronous data retrieval and interactive map components. Hosted and showcased on personal portfolio site.

Company Directory Web App

PERSONNEL DATABASE MANAGEMENT APP

Designed and developed a responsive web application using HTML, CSS, JavaScript, and MySQL to manage employee records. Followed a full project lifecycle including a signed user requirements document. Created backend functionality for record creation, editing, deletion, and validation. Demonstrated accuracy through independently verified testing.

PROFESSIONAL EXPERIENCE

Teacher of Physics and Mathematics

CAMPBELL COLLEGE, SEPT 2022 - JULY 2024

- Delivered engaging lessons to students aged 11–18
- Created aesthetic and interactive digital learning materials
- Conducted national examinations and held safeguarding responsibilities

Teacher of Physics

GEORGE WATSON'S COLLEGE,, SEPT 2016 - JULY 2022

- Developed and automated student feedback tools using Google Suite
- Presented workshops on classroom technology integration
- Organised international and national educational trips

TECHNICAL SKILLS

Languages & Frameworks: HTML5, CSS3, JavaScript, Python, PHP, SQL, Node.js, React, jQuery

Tools & Platforms: Git, GitHub, Bootstrap, AJAX, Command Line, Remote APIs

Databases: PostgreSQL, MySQL

Other: MATLAB, Google Suite (Docs, Sheets, Forms)

ADDITIONAL STRENGTHS

Communication: Clear communicator and confident presenter, with experience delivering complex ideas to diverse audiences

Collaboration: Strong team collaboration and project planning skills from years in education

Adaptable: and proactive learner, transitioning into tech with self-driven development

EDUCATION

IT Career Switch (2024) – Full Stack Developer Traineeship
Trained in front-end and back-end technologies; completed two portfolio projects to specification.

University of Edinburgh (2015–2016) – PGDE, Physics and Mathematics

University of Glasgow (2010–2014) – MSc Physics (2:2)

ADDITIONAL INFORMATION

Dual British and Irish Citizenship

Full UK driving licence and vehicle

Available for remote or local opportunities