Liam Phillips

Experienced full stack developer focused on building accessible products for the web.

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Relevant Experience

Fullstack Developer - **Wealth at Work** Jan 2023 - Present

- Delivered high-quality code for diverse financial projects. Proficient in Laravel backend development (MVC), complex SQL database architecture, and modern JavaScript frameworks for UI design. Experienced in SOLID design principles and Linux-based server management, including serverless (AWS) and hosted environments.
- Developed an admin portal with user status monitoring, document upload, and secure access control. Implemented IP address checks using middleware, session-based authentication with Laravel's auth facade, and role-based authorisation through policies and Eloquent relationships.
- Developed a client user dashboard with Vuex for state management and secure file storage using AWS S3. Utilized AWS Cognito user pools for cross-platform authentication. Leveraged Vue3's reactivity features, computed properties, and lifecycle hooks to handle data retrieval/processing from first-party microservices.
- Collaboratively built a C# FIX engine using the Onixs framework. Developed a React frontend with TypeScript for simulating dummy orders, enabling future real-time trading. Gained experience with AWS EC2 instances, Windows OS, PowerShell, and Windows kernel.
- Developed a robust booking system for arranging financial adviser consultations. Implemented Laravel's Eloquent ORM for model dependant database queries, a cron job for managing cancellations, and integrated Mailjet's API for email confirmations.

Fullstack Developer Trainee - **IT Career Switch Ltd** Jun 2022 - Dec 2022

- Improved my frontend development skills by building an interactive map using Leaflet.js, jQuery, Bootstrap, and PHP cURL to fetch real-time country data like population, weather, and news from third-party APIs.
- Built a full-stack company directory, enabling users to manage employees by job and location. Utilized MySQL, PDO, jQuery, and Bootstrap for efficient data persistence, database connectivity, DOM manipulation, and UI design respectively.
- Developed server skills through project hosting on Ionos and Docker exploration. This enhanced my understanding of manual Nginx server setup, PHP-FPM, and containerization for infrastructure-agnostic applications.

Education

M.Sc Biochemistry - **Cardiff University** Sep 2020 - Aug 2021
Distinction

M.Chem chemistry - **Cardiff University** Sep 2016 - Aug 2020
2.1 Honours

A Levels - **Whitchurch High School** Sep 2009 - Aug 2016
Mathematics, Chemistry, History.

Skills

Programming Languages
JavaScript, TypeScript, PHP, SQL, C#, HTML, CSS.

Libraries & Frameworks
Vue3, React, Laravel, Inertiajs, ASP.NET, Tailwind, DaisyUI, Bootstrap.

Tools & Platforms
AWS (EC2, S3, Cognito, RDS), GCS(Google Analytics API), Docker, Bash, Git, GitHub, Jira.

Personal Projects

Gazetteer
An interactive map application that allows exploration of the globe. Select from a wide range of countries and instantly see the main cities, recent earthquakes and other useful information with just the click of a button.

Company Directory
A "mobile first" web application for managing company information. Create, read, update and delete employee data alongside, your business's departments and the locations they are based at.

Portfolio Website
A fully responsive personal portfolio website utilising modern javascript frameworks and libraries.

Interests

Tennis, strategy games, and learning new programming languages.