SAM BRADSHAW

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PERSONAL STATEMENT

Software Engineer specialising in Symfony and modern PHP architecture, with experience modernising legacy systems and designing new backend solutions from the ground up.

Focused on delivering backend systems used in production to support real business workflows and day-to-day operations. Proactively account for edge cases, scalability, and long-term maintainability while maintaining strong engineering standards.

Interested in leveraging AI-assisted workflows and automation to improve development processes and system efficiency, while continuing to deepen architectural knowledge through practical, hands-on problem solving.

EXPERIENCE

September 2025 – Present
PHP Developer
A&P KnowHow, Walton Summit

- Introduced Symfony into existing and new codebases, establishing modern MVC structure and service based architecture.

- Designed and delivered a modular, role-based CMS backend supporting multiple websites, built with Symfony with a focus on security, maintainability, and scalable architecture.

- Introduced structured testing practices and Docker-based development environments, improving consistency and reducing environment-related issues.

January 2025 – September 2025
Junior PHP Developer
A&P KnowHow, Walton Summit

- Maintained and refactored legacy PHP systems.

- Developed a structured data access layer for ~800 users, improving separation between business logic and database queries.

- Transitioned development from Dreamweaver to PHPStorm, introducing class-aware tooling and workflows better aligned with modern PHP architecture and maintainability standards.

April 2024 – October 2024
Junior Software Developer
Logma Systems Design, Chorley

- Developed and maintained an ERP system using Angular and .NET, supporting stock tracking, purchasing workflows, and audit processes.

- Designed and maintained REST APIs across legacy .NET 4.8 systems while contributing to backend migration toward .NET 8.

- Worked within Agile sprint cycles using Azure DevOps to manage workloads and track delivery.

TECHNICAL STACK

BACKEND
- PHP (OOP, MVC)
- Symfony
- Laravel
- REST API Development
- SQL / MySQL / PostgreSQL

FRONTEND
- JavaScript
- TypeScript
- Vue 3
- Angular
- Stimulus

DEVOPS & TOOLING
- Docker
- Git
- SVN

EXPLORING
- Go
- NestJS
- FrankenPHP

PORTFOLIO

Technical case studies and independent work available at:
https://sbradshaw.co.uk/

EDUCATION

BTEC Level 3 Extended Diploma in Engineering
Triple Distinction*
Runshaw College (2016–2018)