

Jack Cutting

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EXPERIENCE

Senior PHP Platform Engineer

SimplyCook, July 2024 - Present, London, UK, Remote

- Develop backend services using PHP (Symfony) and TypeScript (NestJS), working with MySQL databases to build and maintain scalable, reliable platform functionality across multiple business-critical systems.
- Write and maintain Terraform infrastructure as code to provision new services and modernise existing AWS infrastructure, ensuring environments remain reproducible, secure, and aligned with best practices.
- Conduct detailed cost analysis of AWS infrastructure, identifying inefficiencies and implementing optimisation strategies to reduce unnecessary spend while maintaining performance and reliability.
- Lead the upgrade of legacy projects running on out-of-support software versions, carefully planning and executing migrations to supported versions to improve security posture, maintainability, and long-term platform stability.
- Collaborate cross-functionally with engineers and stakeholders in a fully remote environment, contributing to technical design discussions and ensuring backend solutions align with wider business objectives.
- Selected as a member of the Culture Champs initiative, helping to foster an inclusive and engaging culture across both remote and in-office teams through organised initiatives and continuous feedback improvements.

Head of Engineering

Priority Digital Health, May 2023 - July 2024, Cambridge, UK

- Managed a team of 6 engineers across backend, frontend, and mobile ensuring clean and efficient code can be pushed safely to staging and production environments.
- Facilitated the migration from GitLab to Jira and Github, in turn reducing the spending on project management, code storage, and CI by 40%.
- Oversaw and improved all hosting environments, both in the cloud (AWS) and virtual servers.
- Liaised with stakeholders to understand the scope, then lead the planning and development of numerous projects across multiple teams and programming languages and frameworks.
- Contributed to planning meetings with stakeholders and project management, including utilising a business wide impact effort matrix to ensure important projects and be completed within the scope of the team.

Head of Applications

Priority Digital Health, September 2022 - May 2023, Cambridge, UK

- Initiated the development of a mobile application written in Flutter, taking it from a simple concept into a fully fledged product leading other engineers in the process, both in-house and overseas.
- Developed efficient CI/CD processes to test and build projects across backend, frontend, and mobile.
- Lead the transition from using JavaScript to TypeScript, allowing engineers to place more confidence in the code they are producing by ensuring all teams know what data can be sent and received.

Software Engineer

Priority Digital Health, August 2019 - September 2022, Cambridge, UK

- Aided the development of a bespoke patient management portal using the PHP framework Symfony.
- Spearheaded the transition from a jQuery based frontend into an integrated React project, ensuring an efficient transport of data between frontend and backend.
- Claimed ownership of several modules across multiple projects, writing documentation, and communicating with product owners about requirements.

Systems Architect

Logic Design, January 2018 - August 2019, Bury St Edmunds

- Managed all hosting environments, including VPSs and dedicated servers, installing software from scratch, providing incremental and security updates, and onboarding new clients.
- Wrote and presented technical proposal documents to stakeholders, and shared these documents with the wider team to ensure projects could be completed in a timely manner and to specification.
- Created a bespoke mobile application using React Native, including the development of a backend application allowing the client to manage users, generate PDF reports, and process payments using Stripe.

PHP Developer

Workmatrix, July 2017 - September 2017, London, UK

- Developed features for hotel booking platforms on top of a bespoke CMS including integrating payment providers and external APIs. • Ensured communication between the London and German offices remained.

Senior Developer

Logic Design, July 2013 - June 2017, Bury St Edmunds

- During my time at Logic Design, I was involved from project conception and planning, right through to project completion and after-support. My responsibilities included building websites from designs to a very high quality, managing client expectations from the project outset, and building and maintaining a complete server infrastructure for a shared hosting environment as well as project specific hosting.

Junior Developer

Designaweb, August 2012 - January 2013, Bury St Edmunds

- My role at Designaweb included building and maintaining small-medium business websites. This included building sites from designs provided from the designers, communicating with clients, and setting up hosting on the dedicated infrastructure.

TECHNOLOGIES

Backend: PHP, Symfony, Python, Go, C++

Frontend: React, TypeScript, JavaScript

DevOps: AWS, Git, Docker, Terraform, OpenTofu

Database: MySQL, RDS

Mobile: Flutter, Dart

Other: REST, SOAP, HSCN