Zan Baldwin

A decade of professional experience architecting, building and deploying data-centric RESTful APIs and web applications that scale with high performance.

Utrecht, Netherlands
+31 6 38865043
hello@zanbaldwin.com

ACCOMPLISHMENTS

- Symfony 5 certified developer
- Technical and keynote speaker for multiple Symfony conferences
- Member and meeting facilitator of the Symfony CARE team and Symfony Diversity Initiative guidance team
- Technical speaker, CfP Selection Committee member, and panelist speaker for Dutch PHP Conference over multiple years
- Code of Conduct Incident Response training
- Certified ScrumMaster, and formal training with GDPR and ISO 27001
- Committee member for Brighton Pride, and previously other international festivals

OVERVIEW

- Modern PHP (7/8)
- Software Architecture
- Design Patterns
- Relational Databases
- NoSQL/Graph Data Stores
- Documentation Writing
- API Design & Specification
- Linux System Administration
- Cloud Providers
- Unit & Behavioural Testing
- Containerization
- Automation

EXPERIENCE

SmarterQueue, *Symfony Developer*

2020–PRESENT · (REMOTE) CANADA → NETHERLANDS
PHP/Symfony · GraphQL · Social Media · Third-party APIs

Principal backend developer for overhauling a legacy product into a modern, GraphQL–backed application.

- Identified the architectural solutions required for the challenges that arise from rebuilding a legacy application to a modern development stack from scratch.
- Improved both speed and memory performance of the legacy product up to 50 times via application profiling.
- Maintained a 100% test coverage rate for an entire GraphQL API for both functional and unit tests.

Intergalactic Agency, *Software Developer*

2019–2020 · VANCOUVER, CANADA
PHP/Symfony · OpenAPI · DevOps · Deployment Strategies

Lead PHP developer for in–house and client projects, both new and legacy, including: BC Liquor, Mental Health Commission Canada, Palo Alto, Eventbase, Sundance Film Festival.

- Increased resilience of the company assets spread across multiple continents, upgraded internal source control, and added automated upgrades and backups.

SKILLS

Symfony Framework · Composer
MVC · DDD · OOP · SOLID · CQRS
REST · GraphQL · MySQL · Postgres
SQLite · OpenAPI · Doctrine · DBAL
ORM · OAuth · JWT · Elastic · Mongo
Redis · Git · Debian · Ubuntu · Alpine
SystemD · SSL · Let's Encrypt · AWS
Google Cloud · Behat · Puppeteer
Blackfire · SymfonyInsight · PHPUnit
CI/CD · Jenkins · GitLab · GitHub
Travis CI · Docker · Kubernetes · JIRA
AMQP · RabbitMQ · Agile

LANGUAGES

English, and currently learning Dutch.

- Decreased company expenses and increased developer productivity by obsoleting old manual processes, replacing with automated CI/CD and containerized deployment.
- Achieved 100% reliability for high-traffic projects for physical events/conferences using fewer servers, improving Intergalactic's reputation and earning repeat business from clients.

CarePlanner Ltd, *Senior Software Developer*

2018–2019 · BRISTOL, ENGLAND
PHP/Symfony · RESTful APIs · SaaS · Data Protection · GDPR

A leading role spearheading a project to build a RESTful API platform from the ground up for a rapidly-growing SaaS provider in the Home Care sector.

- Reduced organization's risk while storing/handling health and medical data of vulnerable individuals by ensuring strict compliance of ISO 27001 & GDPR within the developer teams.
- Consolidated market share for the organization for building APIs that brought two external companies and a local government authority to collaborate with CarePlanner rather than compete.
- Coached a Drupal 7 development team of 3 on Symfony framework from scratch.
- Minor exposure to Golang.

BaseKit Platform, *Software Engineer*

2015–2018 · BRISTOL, ENGLAND
PHP/Symfony · B2B · DevOps · Sysadmin · WHMCS · Behat

Worked on the backend of a global B2B site-building SaaS platform and its supporting projects.

- Kept a multi-million line codebase up to date, or rewrote several legacy parts, to transition the application from PHP 5.x to 7.
- Ensured that builds could be reliably deployed with confidence by adding significant behavioural test case coverage on top of the existing unit tests within the CI pipeline.
- Streamlined the company's onboarding process for new developers by documenting features, technical specifications and infrastructure requirements.

Nosco Systems, *Lead Technical Developer*

2012–2015 · PONTYPRIDD, WALES
PHP · Yii · Raspberry Pi · Fintech · Legal & Regulation · Sysadmin · Mentorship

Developer for a cloud-based digital debt and loan management application, and supporting software/hardware.

- Kept the software ahead of constantly changing legal and regulatory changes within the industry.
- Handled deployments of software for both cloud-based servers and in-store shop kiosks, with bottom-line accountability for the company's infrastructure.
- Led and mentored teams of developers both in-house and remote (Bulgaria), including travelling to provide training.
- Performed software demonstrations at conferences for financial sector audiences.

Nerv Interactive, *Web Developer*

2010–2011 · CHELTENHAM, ENGLAND

Delivered white-label products for clients such as BAE Systems, NHS, Skype, Gossip Consultancy, and Molson Coors.

Tigerfish Interactive, *Drupal Developer*

2010 · CHELTENHAM, ENGLAND

Developed modular-base automated online social-media marketing platform.