

# PABLO MACEDA

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London

## SOFTWARE ENGINEER

Software Engineer offering 7+ years of hands-on experience, with a solid background as back-end developer, currently focused on NodeJS and React. I have a broad technical skill set, passion for clean code and good performance.

As a self-taught developer, I've always found coding intuitive and have pushed myself to learn the most effective ways to achieve a result. I'm a fast learner that enjoys mastering new technologies and tools, with excellent problem-solving skills and the ability to work effectively as part of a team or on my own.

## SKILLS

### JavaScript

TypeScript, NodeJS, Express, Apollo GraphQL, React, Styled Components, Jest, React Testing Library, Gatsby, Next.js, Webpack, Babel, ESLint

### Server / Cloud

Nginx, HAProxy, Kibana, Grafana, Prometheus, AWS (Lambda, API Gateway, S3, CloudFront, Route 53), DigitalOcean, Netlify, Vercel

### Data Storage

MySQL, DynamoDB, Redis, Memcache, MongoDB

### Web

PHP, ES6+, CSS3, HTML5, Semantic, Responsive, SPAs, REST/GraphQL APIs, E2E testing frameworks

### Tools

Git, Terraform, CI platforms (CircleCI, GitHub Actions), Docker, Vagrant, NewRelic, Pingdom, Datadog, Figma

### Other

Agile, CI/CD, Scrum, PCI Compliance, SEO

## EXPERIENCE

### Sainsbury's

#### Full Stack Software Engineer

*August 2019 – Present*  
*London, UK*

Working in a multidisciplinary team across multiple products (internal and customer-facing). I had the opportunity to explore cutting-edge technologies and expand my area of comfort by developing my cloud and front-end skills.

I focused my time on shaping the back-end architecture, making products simple, increasing automation, and reducing costs while working in a fully CI/CD environment and deploying code multiple times a day.

During my time at Sainsbury's, I have learned the benefits and trade-offs of using a fully serverless architecture and refined my testing skills including E2E testing.

#### Milestones:

- Refactor several projects, improving maintainability and scalability.
- Improve the deployment pipelines robustness and performance, increasing team productivity.
- Promote an Agile mentality and team practices to other teams within the organisation.
- Migrate older projects to TypeScript (both front-end and back-end).
- Bring one of the products to MVP in 4 months.

#### Technologies:

- Back-end: TypeScript, Express, Apollo GraphQL, DynamoDB, Snowflake, Jest, Webpack, Babel, ESLint
- Front-end: React, Styled Components, Apollo Client, React Query, React Testing Library, Gatsby
- Cloud: Terraform, AWS Lambda, API Gateway, S3, CloudFront, Route 53, CloudWatch
- Other: CircleCI, GitHub Actions, Datadog, TestCafe, Playwright, Browserstack, Contentful

## Koomo

April 2014 – August 2019

Dublin, Ireland

### Back-end developer

Developed and supported the PHP ecommerce platform with extra care on performance improvements and the implementation of new technologies to satisfy the business needs. Creation of several internal tools to monitor the platform and to ensure the healthy status of it. Coordinated the delivery of new technology implementations alongside the Sysadmin team.

Starting as an intern, I had the opportunity to quickly grow professionally.

During my last period at Koomo, I led the SRE team as well as a project to refactor and modernise the monolithic platform codebase using Laravel.

#### Milestones:

- Design and implementation of a RESTful API used to communicate the platform with external apps.
- Improve scalability and performance to support bigger brands.
- Migration from PHP 5.3 to 7.1 with zero downtime, improving overall performance and server costs.
- Implementation of a RabbitMQ queue to process orders and payments asynchronously.
- Migration from SVN to Git and implemented basic CI/CD workflows.
- Maintenance of a legacy Python application.

#### Technologies:

- Back-end: PHP, Laravel, RabbitMQ, MySQL, Redis, Memcache, Cassandra, NewRelic, REST, SOAP
- Front-end: jQuery, Bootstrap, Less, Sentry
- Infrastructure: Nginx, HAProxy, Prometheus, Kibana, Docker, Ubuntu Server
- Cloud: S3, Route 53
- Other: Vagrant, Pingdom

## EDUCATION

### IES Chan do Monte

Pontevedra, Spain

#### Higher Technician in Multi-platform Applications Development

Acquired the General Competence with: development, installation, documentation and maintenance of multi-platform computer applications, the use of technologies and specific development environments, delivering secure access to data and complying with usability and quality criteria required by established standards.

## HOBBIES

Software Development	Music production	Keyboards & Synths	Electronics
Games	Travel	Movies & TV Shows	Cheese