

Marius Cucuruz

Summary

I am a self-motivated software developer, with a wealth of practical experience across the full development life cycle of commercial web-based solutions. I also have a bachelor's degree in foreign languages. I am a passionate and ambitious self-taught engineer who strives to adhere to coding standards and industry best practices, while eager to learn new technologies and approaches to improve throughput and performance. I advocate for modern coding techniques and development practices including Agile, Service-Oriented Architecture, TDD and OOP.

Predominantly I've worked with PHP & MySQL, with SSH and Git on Linux environments either barebone or on Docker to deliver applications intended for either back office or client facing. I've taken an interest in front-end frameworks such as Nuxt, VueJS and React, and would appreciate the opportunity to use them more extensively. Rather recently I've developed an interest in Python which is also something I'm keen to get better at. I am quick to assimilate new ideas, concepts and technologies, and I would welcome the opportunity to focus more on technical architecture, systems analysis, as well as leading teams and projects, though I've yet to have any experience with people management.

Key Skills

Web Development	Software Engineering	Project Management
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- Proficient in server-side and front-end development (*PHP, MySQL, Laravel, Symfony, Python, Pydantic, fastAPI, Nginx*).
- Comfortable in Linux environments.
- Exposure to cloud providers (*AWS, DigitalOcean, Linode*), *Docker*, serverless.
- Accustomed to modern development practices – planning, tracking, versioning systems.
- Excellent communication skills.

Languages, Libraries and Frameworks

	Technology	Stack
Backend	PHP (+ MySQL)	Laravel, Symfony, Drupal, WordPress
	Python (+ fastAPI)	Uvicorn, FastAPI, Pydantic
DevOps	AWS, Linode, Cloudflare, DigitalOcean	Nginx, Node, Apache, FastAPI
	Linux, Docker, API integration	REST, OpenAPI, Linux CLI
Database	MySQL, Redis, Postgres	Hasura, GraphQL
	Relational Database Management	RDBM (SQL queries, DB structure)
Frontend	Angular, React, VueJS, JavaScript	CSS, HTML
Project	SCRUM, AGILE	JIRA, Git flow

Employment History

Swarco eConnect, Remote / Hemel Hempstead (April - November 2023)

As a software developer one of my best wins at Swarco was deploy with virtually no downtime an update that saw the consolidation of otherwise segregated payment gateways, whilst providing clear documentation and streamlined deployment pipeline. I also readily took the opportunity to develop a Python microservice that was to take from the responsibility of the monolithic Drupal platform. While rolling out a new API gateway and new infrastructure approach, I was reintroduced to GraphQL and Hasura

Tech stack: PHP8, Laravel, Python, FastAPI, RabbitMQ, GraphQL, Drupal9, WordPress.

Marmalade Insurance, Remote / Peterborough (September 2022 - April 2023)

My role as a PHP developer involved maintenance of systems involved in customer acquisition and new features to better cater for a specific niche of the insurance market.

Tech stack: PHP8, Symfony 4.

Love Home Swap, London (October 2020 - August 2022)

LHS is a subscription based home exchange platform with members across the globe. My team, the Delight squad, were tasked with implementing new features to improve user experience. As a backend dev I worked on a number of Laravel projects as well as the PHP 7.2 monolithic app and, despite the pandemic and its challenges particularly around collaboration, we managed to drive response and availability rates by working together and delivering well tested applications that followed a documented process with real benefits to our customers. Projects like the availability, search or matching algorithms were particularly interesting to work on.

Tech stack: Laravel, Docker, AWS, React, RabbitMQ.

SuperYachts.com, London (November 2019 - April 2020)

I took on the role of web developer at SuperYachts.com knowing too well that it would include both back-end and front-end development as well as dev ops responsibilities while the company was claiming self sustainability from agencies and contractors. My responsibilities had been to take ownership of the code base and infrastructure, and bring in-house all things related to the company website and various software platforms used to power it. I had succeeded in my challenge just when the COVID-19 crisis hit, at which point the management decided to suspend the department and only perform essential work on a contract basis. They were at that point in a great position to pursue this approach.

Tech stack: Laravel Nova, VueJS, Nuxt, Docker, AWS.

British Horseracing Authority, London (January 2019 - October 2019)

The BHA is responsible for the governance, administration and regulation of horseracing and the wider horseracing industry in Britain. As part of a team of three I was responsible for creating and maintaining various APIs that either hydrate apps and websites, or handle data between different departments or 3rd parties. From the get-go I pushed for various industry standard practices ranging from the use of Jira and Slack, to versioning and coding practices, to considering cloud to the on-premise infrastructure – I'm pleased to say most commits don't go to the master branches anymore, and they're trying out Google Cloud platform as a potential venture for next year.

Tech stack: Laravel, AngularJS, React, WordPress, MS Azure.

DM Companies / VivaStreet, London (July 2018 - November 2018)

VivaStreet is a classified platform that powers websites in more than 15 countries across four continents, generating more than 40 million monthly users. The challenges of upgrading existing code to a more service-oriented architecture in the cloud have offered great opportunities to learn about containerization, service-oriented architecture, continuous integration and the importance of planning and road mapping. I've had the chance to work with TypeScript and serverless to build and deploy various services that were then integrated into the platform.

Tech stack: PHP5 / 7, Docker, TypeScript, AWS.

Apogee Corporation, London (October 2014 - June 2018)

Mostly "brownfield" development and maintenance of web-based applications used by different departments in the organisation (e.g. sales, CRM, employees etc) as well as new customer facing web apps and API's. Also managed corporate website (and other e-commerce satellite sites) and dedicated barebone servers:

- Successfully migrated data (customers, fleet, sales figures) when the company acquired and merged with other market players from Europe or the UK.
- Developed a new intranet site integrated with other internal services and other 3rd party APIs to create a new central point for all employees to use on a daily basis.
- Managed existing applications to keep up with the continuous growth of the company.

Tech stack: PHP5 / 7, WordPress, MySQL, JQuery, VMware.

CTO - The Tab (Tab Media Ltd), London (July - August 2014)

The Tab is the ambitious idea of two very bright young entrepreneurs - George Marangos-Gilks and Jack Rivlin. Undertaking the CTO role there is part of my own ambitions to progress my career to a management level. I am grateful to George and Jack for having the confidence in me and allowing me to experience a managing role and the challenges of a start-up business.

- Developed various WordPress plugins and modules to accommodate the needs of an extremely fast growing online media agency
- Managed dedicated web server and dealt with the challenges of huge traffic spikes

Tech stack: WordPress, RackSpace.

Senior web developer – Ignite Hospitality, London (February 2012 – February 2013)

Vibrant digital agency active primarily in the hospitality industry. I'm proud to have been the web developer of a brilliant team, as we delivered websites and campaigns with social media integration for hotels and restaurants in and around London.

Tech stack: PHP5, WordPress, ModX, JQuery.

Education

University "Dimitrie Cantemir", Bucharest (2005 - 2008): *Bachelor's in Foreign Languages*

- English
- French
- German

Hobbies & Interests

I occasionally tinker with my RaspberryPi and automate things on my home network.

Other Accomplishes

World Intellectual Property Organization - WIPO Arbitration and Mediation Centre

(September 1998 - June 2004)

I represented one of the largest hotels in Romania in a case against a third party that had purchased a domain name infringing my client's copyrights. I've gathered and presented evidence to win the case and thus ownership over the domain name in question

Case and decision: wipo.int/decision/d2008-0801

References

Joshua Smith - Lead Developer, Swarco (joshua.smith@swarco.com)

Michael Thorne - IT Manager, Marmalade (michael.thorn@marmalade.co.uk)

Benedict O'Donnell Bourke - Product Manager, Love Home Swap

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Joshua Franks - Lead Dev, Love Home Swap (joshua.franks@lovehomeswap.com)

Jason Pearce - Solutions Architect, British Horseracing Authority

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Andrew Davey - Senior Engineer, DM Companies (andy@mediabandit.co.uk)

Simon Green – IT Director, Apogee Corporation (sgreen@apogeeecorp.com)

James Barnett – Finance Director, Ignite Hospitality

More references are available upon request.

Links & Contact

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