

MICKAEL KNOP

Software Engineer

I have been working as a software developer for over 4 years, having been involved in projects built with various languages such as PHP, Python, and primarily JavaScript. Currently, I am comfortable with most high-level languages. Throughout my journey, I have dealt with various system niches, including product delivery, banking prospecting, SAAS deployment and integration, live chat creation, e-commerce platforms, content management systems, and various other models.

Furthermore, I possess a deep understanding of development best practices, system modeling, requirements gathering, design patterns, and architectural standards. My knowledge extends to operating systems, compilers, distributed systems, software documentation, and the implementation of automated testing coverage.

I have professionally maintained server-side applications built using JavaScript frameworks such as Node/Express, PHP frameworks like Slim, CodeIgniter, and primarily Laravel, as well as Python with Flask. On the client-side, my experience has mainly revolved around Vanilla JavaScript and jQuery, but I am also proficient in TypeScript with React or Angular.

In terms of infrastructure, I possess strong experience with Linux operating systems, web servers like Nginx and Apache, relational databases including SQL Server, and SQLite, as well as non-relational databases like MongoDB, Redis, and Firebase. I am well-versed in version control using Git and have worked with cloud services from Digital Ocean. Additionally, I am familiar with the DevOps domain, capable of building multi-container applications with docker-compose, orchestrating practices such as auto-scaling and auto-healing using K8S, setting up integration and deployment pipelines using Actions, implementing monitoring practices, and using Infrastructure as Code (IaC) principles.

I have worked in agile development squads as a Tech Lead, collaborating with Product Owners, Scrum Masters, QAs, and other developers. Together, we managed Sprint control and deadlines using Jira. I have conversational-level English proficiency, enabling me to read, write, and engage in discussions about everyday issues.

Particularly, I aim to delve into the technical aspects of the field. As such, I consistently stay updated through various information sources, ensuring continuous improvement and a commitment to learning something new each day. This dedication contributes to enhancing the quality of my work.

CONTACT

Website: knopmickael.github.io

GitHub: [@knopmickael](https://github.com/knopmickael)

LinkedIn: [@knopmickael](https://www.linkedin.com/in/knopmickael)

E-mail:

knopmickael@gmail.com

Phone: +5551991000416

EDUCATION

2015 – 2020: Bachelor's degree in Information Systems from ULBRA.

EXPERIENCE

Company: DataInfo

Role: Mid-Level Full-stack Developer

Period: 05/2023 – now

Technologies: JavaScript, React, TS, Node.js, Office API, Graph API, SSO, Clean Arch, TDD

Description: I am developing a JS plug-in for MS Word for a client in the legal field. This plug-in automates the manipulation and transformation of data into documents. These tasks were previously performed within a legacy system that no longer meets the client's needs.

Company: PlanMob

Role: Mid-Level Backend Developer

Period: 10/2021 – 11/2022

Technologies: JavaScript, AngularJS, PHP, Slim Framework, PHPUnit, OAuth2, Dependency Injection, Docker, Node.js, Express, MongoDB, Swagger, S3, EC2

Description: Maintained existing goods delivery applications built with Node/Express and PHP/Slim. I integrated third-party services from AWS and developed BFF APIs using Clean Architecture and Test-Driven Development principles.

Company: TrioMidia

Role: Junior Full-stack Developer

Period: 05/2020 – 08/2021

Technologies: PHP, Laravel, Vue.js, MySQL, PhpMyAdmin, Postman, SSH, Linux, Digital Ocean, Expo

Description: I developed institutional and e-commerce software with content management systems. I created mobile applications using Expo and was also responsible for the infrastructure of these applications.