Oliniavo Gael RANDRIAMANANTENA
Middle Full-Stack Developer

SUMMARY

Software engineer with over 4 years of experience in full-stack development, specializing in PHP, Python, C#, .NET, Golang, JavaScript, and TypeScript. Holds a Master's degree in Business Computing, Software Engineering, and AI, with strong expertise in frameworks such as Symfony, Laravel, Django, React, and Vue.js. Skilled in cloud infrastructure deployment (AWS, OVH, Docker, Kubernetes), API design (REST, OpenAPI, GraphQL), and performance optimization using Elasticsearch and Redis. Proficient in software architecture principles including SOLID, TDD, and design patterns, with hands-on experience in SaaS, ERP, CRM, IoT, and mobile applications. Demonstrated ability in business process automation and long-term project maintenance across diverse domains.

TECHNICAL SKILLS

Main Technical Skills	PHP (4 yr.), JavaScript (4 yr.), TypeScript (1 yr.), Symfony (4 yr.), React (3 yr.)
Programming Languages	Go, JavaScript (4 yr.), PHP (4 yr.), Python (1 yr.), TypeScript (1 yr.)
JavaScript Frameworks	Angular, Express, Ext JS, NestJS, React (3 yr.), Vue.js
C++ Libraries and Tools	C/C++/C#
PHP Frameworks	CodeIgniter, Laravel (1 yr.), Symfony (4 yr.)
Mobile Frameworks and Libraries	Crashlytics, Ionic
Python Frameworks	Django REST framework, FastAPI, Flask
JavaScript Libraries and Tools	Fastify, React Native, Strapi
AI & Machine Learning	n8n
.NET Platform	.NET
PHP Libraries and Tools	PhpStorm, PHP Sylius
Databases & Management Systems / ORM	Airtable, AWS ElasticSearch (1 yr.), Microsoft SQL Server, MongoDB, MySQL, PostgreSQL, Redis (1 yr.)
Cloud Platforms, Services & Computing	AWS (1 yr.), Oracle OCI, Zapier
Amazon Web Services	AWS ElasticSearch (1 yr.), AWS Glue Studio
UI/UX/Wireframing	Accessibility, Figma

Methodologies, Paradigms and Patterns	Agile, DRY, Observer, REST, SOAP, TDD, UML
Web/App Servers, Middleware	Apache HTTP Server, Nginx
Collaboration, Task & Issue Tracking	Atlassian Trello, Jira
Third Party Tools / IDEs / SDK / Services	AutoCAD, PhpStorm
Virtualization, Containers and Orchestration	Docker (1 yr.), Kubernetes (1 yr.)
Platforms	Drupal, Odoo, prestashop, WordPress
SDK / API and Integrations	Facebook Auth, FastAPI, GraphQL, OpenAPI, Swagger
Version Control	Github Actions
Operating Systems	Linux
Scripting and Command Line Interfaces	Make
Hosting, Control Panels	OVH (1 yr.)
Message/Queue/Task Brokers	RabbitMQ
Other Technical Skills	Moodle, SolidWork, Xano

WORK EXPERIENCE

Full-Stack Developer, Development of complete web and mobile solutions

Duration: Since Aug. 2023
Summary:

- Development of complete web and mobile solutions from design to deployment
- Deployment and optimization of cloud infrastructures, VPS, and dedicated servers

Responsibilities: Full cycle development of web and mobile applications, cloud infrastructure deployment and optimization.
Technologies: PHP, Python, C#, .NET, Golang, JavaScript, TypeScript, Symfony, Laravel, CodeIgniter, Django, Flask, FastAPI, Fastify, NestJS, Express, React, Vue.js, Next.js, Angular, React Native, Ionic, REST, OpenAPI, Swagger, Zitadel, GraphQL, SOAP, Elasticsearch, Redis, RabbitMQ, WordPress, Strapi, PrestaShop, Drupal, Sylius, Moodle, Odoo, AWS, OVH, Docker, Kubernetes, Make, Zapier, n8n, Xano, WeWeb, Bubble, Wix Studio, Airtable, FlutterFlow

Software Engineer, Business applications development and maintenance

Duration: Feb. 2023 - Jun. 2023
Summary:

- Development of business applications in PHP for client and internal projects
- Application maintenance and continuous improvement of code quality

Responsibilities: Developed and maintained business applications, improved code quality.
Technologies: PHP, JavaScript, TypeScript, Symfony, Laravel, Jelix, Angular

Full-Stack Developer, Reporting and accounting agent monitoring tool

Duration: Nov. 2022 - Dec. 2022
Summary:

- Consulting contribution to a reporting and accounting agent monitoring tool
- Integration of OCR features and performance optimization using Elasticsearch and Redis

Responsibilities: Provided consulting, integrated OCR features, optimized performance.
Technologies: PHP, JavaScript, TypeScript, Symfony, React, Elasticsearch, Redis

Full-Stack Developer, Travel agency web application

Duration: Oct. 2020 - Feb. 2022
Summary:

- Development and long-term maintenance of a travel agency web application
- Bug fixing and performance optimization

Responsibilities: Developed, maintained, fixed bugs, and optimized performance of the application.
Technologies: PHP, JavaScript, Symfony, React

IoT Developer, Connected greenhouse monitoring desktop application

Duration: Jan. 2020 - Jun. 2020
Summary: Development of a C# / WPF desktop application for monitoring a connected greenhouse.
Responsibilities: Developed desktop application for greenhouse monitoring.
Technologies: C# (WPF), C/C++, Arduino, electronics, automation, IoT systems

EDUCATION

- **Master's Degree (Year 1)**
  Institut Supérieur Polytechnique de Madagascar, Antananarivo, AG, Madagascar - Business Computing, Software Engineering and Artificial Intelligence
  2020 - 2021
- **Bachelor's Degree**
  Ecole Nationale d'Informatique, Fianarantsoa, HM, Madagascar - Software Engineering and Databases, Systems and Networks
  2017 - 2020
- **High School Diploma**
  Collège Saint Michel Amparibe, Antananarivo, AG, Madagascar - Industrial General Technologies
  2015