Arnaud Peralta

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SUMMARY

I'm a back-end web developer focused on software integration. My main goal is to contribute to any project with the DevOps culture in mind to allow myself and others developers to work mind-free.

EDUCATION

Degree	Board / University	Year
Computer Science Master's Degree	Université de Rouen, Normandy	2020-2022
Computer Science Degree	Université de Rouen, Normandy	2016-2020
Baccalauréat	Lycée Les Fontenelles	2013-2016

EXPERIENCE

- **Proxiad Axe Seine** — *September 2022 - Present*
  Software Engineer — Rouen
  - Analysis, design and development of several n-tier web applications for different types of customers.
  - Full-stack development in a DevOps approach with continuous integration/delivery (CI/CD), and adding monitoring within the architectures.
  - Implementation of DevOps practices whithin the company's tools. (Infrastructure as Code, contenerization, GitLab instance administration).
  - Participation in the life of the company with the writing of several technical articles and the implementation of technical challenges.
  - Contribution to a customer project in a transversal way. (React, Hasura, Kubernetes deployment.)

- **Proxiad Axe Seine** — *April 2022 - September 2022*
  End-of-study Internship — Rouen
  - Analysis, design and development of several n-tier web applications for different types of customers as a Java back-end developer.
  - Development of a new Java Spring Boot service within a micro-services architecture.

PERSONAL PROJECTS

- **OpenObservatory** — *October 2022 - June 2023*
  University project as a tutor
  - Participating as a customer for an annual university project. The goal was to write specifications allowing a group of students from Rouen Computer science master's degree to answer to the customer's needs in two phases. In the first phase, the students needed to write multiple documents about the customer's needs, application architecture, testing policy and agile development plan. In the second phase the group developed the application while respecting the specification phase made before. As the tutor/customer, my role was to steer the group to make the right choices to develop an up-to-date web application with an agile approach and a DevOps culture.

- **Lazygit** — *2022*
  Open Source contributions — **Github**
  - Taking part of multiples GitHub issues of the lazygit CLI tool.
  - Development in Golang and integration tests writing for the new features.

- **Ristretto compiler** — *2021*
  University project — **Github**
  - Compiler of a simpler version of the C language, the output is a java .class file who can run on a JVM.

- **Netload** — *2022*
  Side project — **Github**
  - Simple HTTP load-testing tool written in Rust. The load is made of concurrent HTTP calls with the tokio runtime.
  - Continuous integration for application builds and continuous delivery for GitHub releases with a Dependabot support.

TECHNICAL SKILLS

- **Programming Languages**: Go, Rust, Java, Typescript.
- **Integration tools**: Docker, Kubernetes (Helm / GKE), Gitlab (CI / Registry / Self-host), Github Actions.
- **Operating Systems**: GNU/Linux based OS (Fedora / Debian / Ubuntu / Nix OS).

CERTIFICATIONS

- **MCSE: Data Management and Analytics** Microsoft
- **MCSA: SQL 2016 Database Development** Microsoft

MISCELLANEOUS

- **Chess club member**, FIDE rating: 1200