

# RUBEM NETO

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## EDUCATION

### University of Porto

Masters of Science, Informatics and Computing Engineering

Porto, Portugal

Sep 2025 – Jul 2027

### University of Porto

Bachelor of Science, Informatics and Computing Engineering

Porto, Portugal

Sep 2022 – Jul 2025

- **Relevant Coursework:** Computers Networks, Distributed Systems, Databases, Operating Systems, Algorithms and Data Structures, Artificial Intelligence, Software Engineering, Web Development, Object-Oriented Programming
- **Grade:** 17/20

## EXPERIENCE

### Devops Engineer Intern

Jun 2025 – Sep 2025

Uphold *Porto, Portugal*

- Automating the configuration and deployment of EC2 instances by developing and maintaining Terraform modules and Ansible Playbooks.
- Managing application deployments and ensuring system reliability by creating and configuring Kubernetes manifests within a CI/CD pipeline.

### Head of Projects

Sep 2024 – Apr 2025

NIAEFEUP

*Porto, Portugal*

- Led project coordinators for the academic year, overseeing the development of all internal software applications for NIAEFEUP.

### Software Engineer Intern

Jun 2024 – Jul 2024

Yari Labs

*Braga, Portugal*

- Implemented the provider pattern, resulting in increased performance and maintainability.
- Built a comprehensive testing suite with Mockito for unit and integration tests to ensure application stability.

### Teacher Assistant

Mar 2023 – Jun 2025

FEUP

*Porto, Portugal*

- Conducted weekly tutoring sessions for 30+ students, leading to a clear improvement in exam performance.

## PROJECTS

### niployments

- Collaborated on an open-source project at NIAEFEUP, contributing to Kubernetes manifests, Ansible Playbooks and CI/CD pipeline workflows.
- Helped to achieve a reliable and available systems for all of NIAEEUP's applications.

### tinyrp

- Implemented a lightweight Reverse Proxy server in Go
- Developed configurable endpoints, health checks and Docker containers for testing

### uSettle

- Developed an expense-sharing Flutter application during a hackathon, with a focus on a clean user interface for simple expense tracking between groups.

### Self hosted infrastructure (carlos)

- Established and manage a bare-metal server, creating a production-like environment to learn core DevOps tools and practices.
- Automated the deployment of various web applications and services using Docker containers and Ansible playbooks.

## SKILLS

**Languages:** Go, Python, Typescript/Javascript, SQL, C/C++, Java

**Frameworks & Technologies:** Git, PostgreSQL, Spring Boot, Next.js, React, Laravel

**Tools & Platforms:** Docker, AWS, Kubernetes, Terraform, Ansible, CI/CD, Traefik, Linux