RUBEM NETO

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EDUCATION

University of Porto   **Porto, Portugal**
Masters of Science, Informatics and Computing Engineering   Sep 2025 – Jul 2027

University of Porto   **Porto, Portugal**
Bachelor of Science, Informatics and Computing Engineering   Sep 2022 – Jul 2025
- **Relevant Coursework:** Computers Networks, Distributed Systems, Databases, Operating Systems, Algorithms and Data Structures, Software Engineering, Web Development, Object-Oriented Programming
- **Grade:** 17/20

EXPERIENCE

Backend Engineer Intern   **Sep 2025 – Jun 2026**
Blip.pt   *Porto, Portugal*
- Built backend systems for Sportsbook teams, leveraging Java, Kafka, Apache Storm, Cassandra, AWS.
- Enhanced project delivery speed by supporting distributed, high-performance betting platforms.

Devops Engineer Intern   **Jun 2025 – Sep 2025**
Uphold   *Porto, Portugal*
- Automated infrastructure provisioning with Terraform and Ansible, reducing manual updates.
- Deployed AWX platform on Kubernetes, integrated with Teleport, enabling secure EC2 operations.
- Developed Bash scripts for dynamic inventories, improving Ansible deployment flexibility.

Head of Projects   **Sep 2024 – Apr 2025**
NIAEFEUP   *Porto, Portugal*
- Co-led the Head of Projects office, managing 4 development teams delivering apps essential to student daily life.
- Took lead developer role for the University Association website using React, Next.js, PostgreSQL.

Software Engineer Intern   **Jun 2024 – Jul 2024**
Yari Labs   *Braga, Portugal*
- Served as the whole mobile app team with a colleague, refactoring large sections of database and codebase.
- Implemented Provider pattern in Flutter to improve maintainability and performance.
- Strengthened team workflows with Git, Jira, Agile standups, stabilizing the production app.

Teacher Assistant   **Mar 2023 – Jun 2025**
FEUP   *Porto, Portugal*
- Assisted in Discrete Math and Computer Laboratory (C driver implementation in MINIX), supporting 30+ students per semester.
- Provided in-class and dedicated tutoring sessions improving exam results.
- Strengthened communication and teaching ability by simplifying complex concepts for peers.

PROJECTS

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- Contributed to infrastructure modernization for NIAEFEUP's hosted applications, learning Kubernetes, Docker, and Ansible on the go.
- Built CI/CD workflows, strengthening system availability for ~4 core applications.

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- Implemented a Regex Engine from scratch in Golang and integrated it in my personal website.
- Designed and wrote Unit Tests and Integration Tests for the project's functionalities.

SKILLS

Languages: Java, Go, Python, Typescript/Javascript, SQL, C/C++
Frameworks & Technologies: Git, PostgreSQL, Spring Boot, Next.js, React, Laravel
Tools & Platforms: AWS, Kubernetes, Docker, Terraform, Ansible, CI/CD, Linux