Rubem Neto

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About me

Third-year software engineering student with professional development experience in full-stack applications and DevOps. Passionate about backend systems and seeking to contribute to innovative projects in a collaborative environment.

Technologies

Languages: Java, Kotlin, Golang, SQL, Python, Bash, Flutter
Technologies: Git, Vim, TailwindCSS, React, Next.js, Docker, Kubernetes, GitHub Actions, CI/CD

Education

Faculty of Engineering of the University of Porto (FEUP), BS in Software Engineering — Sept 2022 - Now

Experience

Teacher Assistant, FEUP — Feb 2025 - Now
- Conduct weekly tutoring sessions for 30+ students, resulting in an improvement in exam performance

Project Coordinator, NIAEFEUP — Sept 2024 - Now
- Orchestrate cross-functional software development initiatives by coordinating 3 development teams comprised of 15+ student developers
- Facilitate weekly code reviews and technical workshops, fostering knowledge sharing and skill development among team members

Software Engineer Intern, Yari Labs — June 2024 - July 2024
- Restructured and optimized a mobile application's codebase to improve overall architecture and maintainability
- Implemented provider design patterns to enhance code organization, separation of concerns, and testability

Projects

everyday.dev
- Built a **full-stack application** based on the famous **daily-dev** website using the Laravel framework, allowing developers to share and create news.

uSettle
- Conceptualized and delivered an **expense-sharing** Flutter application at **Shift Appens** hackathon
- Designed intuitive **user interface** allowing for seamless expense tracking and settlement between groups

CRIm
- Developed low-level hardware interface drivers in C enabling direct communication with peripheral devices through serial ports
- Implemented protocols for **reliable data transmission** between computer and various input/output devices

niployments
- Collaborated on an open-source infrastructure project at NIAEFEUP, contributing to **Kubernetes manifests, Ansible playbooks**, and **CI/CD pipeline** improvements
- Gained practical experience with **GitOps workflows** and **infrastructure-as-code** principles in a team environment

Languages

Portuguese: Native (C2) **English:** Fluent (C1) **German:** Beginner (A1)