Porto, Portugal
[ecouto93@gmail.com](mailto:ecouto93@gmail.com)
[contacts@eduardocouto.dev](mailto:contacts@eduardocouto.dev)

# Eduardo Couto

[Portfolio Website](#)
[Linkedin](#)
[GitHub](#)

Innovative and results-driven full-stack software developer. Proven track record in enhancing user experiences, optimizing application performance, and implementing scalable architectures. Adept at driving continuous improvement in dynamic environments.

## Technologies and Languages

- Languages:      Java, Python, TypeScript, JavaScript, Go, C#
- Technologies:   AWS, Quarkus, Postgres, Angular, React, Terraform, Kubernetes, Github Actions
- Other:          Git, Jest, JUnit, Cypress, Figma, Communication skills

## Work Experience

**Software Developer**                    **Critical Techworks**                    **Sep 2022–Present**
Porto, Portugal

Leveraging collaborative efforts and domain expertise. My diverse skill set and commitment to excellence have enabled me to contribute successfully to various aspects of projects, including:

- Elevated product value by delivering new features, optimizing codebases, and maintaining microservices.
- Orchestrated migration of microservices to **Quarkus**, improving availability and efficiency.
- Developed and maintained infrastructure using **AWS** and **Terraform**, optimizing resource allocation and ensuring scalability and availability.
- Led the migration of microservices' **Jenkins** pipelines to **GitHub Actions**, improving deployment processes by automating previously manual tasks, enhancing development workflow.

**Software Developer Intern**              **Critical Techworks**                    **Feb 2022–Sep 2022**
Porto, Portugal

Engaged in continuous learning and contributed domain knowledge. Initiated and led efforts to optimize user experience through comprehensive technical enhancements:

- Implemented front-end techniques including code splitting and lazy loading in Angular to enhance initial loading time.
- Improved backend response times by enhancing queries and implementing caching
- Developed stress tests to validate and measure back-end solution efficacy.

## Education and Certifications

- **AWS Solutions Architect Associate,** Amazon Web Services (AWS).                    **May 2024**
- **AWS Certified Cloud Practitioner,** Amazon Web Services (AWS).                    **Jan 2024**
- **B.Sc. Informatics Engineering,** Superior Institute of Engineering of Porto (ISEP), Porto.    **2019–2022**

## Projects

- **[E-Learning Platform - AntiRecurso:](#)** Open source learning platform that provided users with real-world exams for diverse subjects from Informatics Engineering course. Used Next.js and Tailwind to develop new features, for example: dynamic graphical representation of the students' grades.
- **[Real Time Notification System:](#)** Implemented a scalable, event-driven architecture proof of concept using Angular, Quarkus, and Kafka. Demonstrated real-time notifications and asynchronous messaging capabilities.
- **[Aquapharma:](#)** Implemented and deployed a responsive website using NextJs and Tailwind to showcase a health company portfolio and facilitate user contact submissions.