

# PEDRO ALVES

## Software Engineer

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### SUMMARY

- Skilled Software Engineer with +4 years of experience in different industries such as health techs.
- Main technologies include Java, Spring Boot, Docker, Kubernetes, SQL, API, AWS.
- Currently serving as a Software Engineer at CWI Software, specialized in developing robust applications.
- Usually described by co-workers as a very proactive person, with great communication skills, besides a team player and focused on results.
- Notable achievements include migrating a legacy system from PHP to modern technologies, resulting in user base growth from 8,000 to over 75,000 users.

### SKILLS

- **Proficient:** Java, Spring Boot, AWS, Docker, Kubernetes, CI/CD, RESTful API, SQL, Microservices, Spring Framework, Gitlab, Git, Rest Assured, Mockito, Redis, Docker Swarm, MySQL, Oracle Database.
- **Intermediate:** AWS CodeCommit, Amazon EC2, Amazon EBS, Amazon EKS, ELB, Amazon VPC, IAM, AWS CodePipeline, AWS CodeDeploy, AWS CodeBuild, Amazon S3, Amazon Route 53, Amazon ECS, Amazon CloudFront, RDS, MongoDB, JavaScript, React, Angular JS, Jenkins, Bash, Sonarqube, Nexus, Kibana.
- **Beginner:** Amazon SQS, Terraform, Ansible, Generative AI, Python, Prometheus, Grafana, RabbitMQ.

### WORK EXPERIENCE

**CWI SOFTWARE** (São Leopoldo, RS – Brazil, Remote)

**Software Engineer | Back-end** (04/2022 – Present)

*\*CWI Software is a leading technology solutions company, specializing in software development and consultancy services in Brazil*

- Have increased by over 900% the user base by spearheading the migration of a legacy system from 8,000 to over 75,000 users. Utilized Java (Spring Boot), Kubernetes, Docker, Redis, and GitLabCI to ensure scalability and efficiency.
- Have improved by over 10% API access speed through performance optimizations.
- Have achieved up to 40% reduction in CI/CD pipeline execution times through resource optimization and efficient cache management.
- Have increased user satisfaction with the new platform by delivering a more intuitive and responsive user experience.
- Have enhanced data security by implementing robust security measures and best practices.
- Have achieved higher modularization of the system, making software development, deployments, and testing faster and more efficient.
- Have streamlined deployment and integration by overseeing the development process with GitLabCI for efficient CI/CD workflows.

- Have improved testing processes by collaborating effectively to create robust integration tests using Mockito and REST Assured.

### ***Software Developer | Full-stack (01/2021 – 04/2022)***

- Reduced by 40% the processing time for doctors and secretaries by optimizing database queries, improving data transmission, and removing legacy code.
- Streamlined healthcare service management for Unimed's VTRP by contributing to the development of the SIGA (Integrated Service Management System), enhancing care and consultation processes for beneficiaries.
- Developed and maintained backend applications using Java, Spring Boot, and SQL with a robust MVC architecture, managing Docker Swarm for efficient deployment.
- Enhanced user interaction and experience by developing frontend components with AngularJS, JavaScript, HTML, and CSS.
- Ensured accurate version control in a distributed development environment, effectively using Git to mark releases and maintain project versions.

### ***Junior Software Developer (12/2019 – 01/2021)***

- Enhanced healthcare systems by developing new features and maintaining existing ones, contributing to improved patient care and operational efficiency.
- Utilized a diverse technology set including Java (Spring Boot), AngularJS, Docker, and SQL to deliver robust and scalable solutions.
- Developed effective communication skills by interacting with various teams, ensuring clear and efficient collaboration across different departments.
- Gained first-hand experience in the evolving healthcare sector, actively participating in complex projects and adapting to changing requirements.

## **EDUCATION**

- **Bachelor in Computer Science** (In progress – due to 2026)
  - University of Vale do Rio dos Sinos (Brazil)
- **Computer Technician** (2022)
  - Federal Institute of Rio Grande Do Sul (Brazil)

## **CERTIFICATIONS**

- **AWS:** Cloud Practitioner

## **LANGUAGES**

- **English:** advanced | fluent | B2
- **Portuguese:** native | advanced | fluent
- **Spanish:** basic communication | fluent reading