

JEAN CARLOS RODRIGUES

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Curitiba - PR, Brasil

Software Developer with solid experience in Software Development with Java. Passionate Devops practitioner with 4 years of expertise in application deployment and monitoring. Solid understanding of Linux infrastructure with a willingness to learn and master software development best practices.

PROFESSIONAL EXPERIENCE

Software Engineer, Truelogic

Jan 2022-Present

- Participates in the software development lifecycle, designing, implementing and maintaining REST APIs and integrations, using agile and TDD methodologies and tools like JUnit and Mockito.
- Design, develop and evolve Spring Boot REST apis and microservices using Spring framework and GCP cloud services. Design and develop event driven microservices in Hexagonal Architecture and using DDD approach and GCP PubSub messaging service.
- Write technical documentation and RFCs proposals and help the development team in the software evolution using software development best practices.
- Participates in company tech talks giving presentations on software development best practices, domain driven design, event driven microservices patterns and new technologies.
- Work together with devops teams implementing and improving the continuous integration and continuous delivery pipelines using Docker and Gitlab CI/CD Pipelines.

Software Developer, Federal University of Paraná - UFPR

Oct 2017-Jan 2022

- Participate in Software Development of high available academic management systems using Java, Spring, JSP, JPA, Vuejs, Redis and Mysql. Lead a team of developers using agile processes in designing and developing an enterprise application for processes management with Java, Spring, Spring Boot, Mysql and Vuejs and unit tests with Junit and Mockito.
- Implanted a high availability infrastructure using Nginx, Docker, Docker Swarm and Docker Compose, Weave and Payara Application Server improving reliability and reducing system downtime supporting fifteen thousand concurrent users, enhancing application stability and improving user experience.
- Implanted and maintained CI/CD processes using Gitlab pipelines and Shell scripts for production, staging and development environments reducing manual work and improving developer experience.
- Implanted monitoring using Prometheus, Grafana and central log management with Loki and Promtail enabling the development team to better track and correct bugs.
- Optimized systems infrastructure for academic enrollment, Developed and applied load tests using JMeter and Docker containers for distributed testing. Developed integration tests using Selenium and Robot Framework.

Systems Analyst, Federal University of Technology - UTFPR

Aug/2014 - Oct/2017

- Linux and Windows Server network administration and maintenance. Configuration and administration of Windows Domain Servers. Worked together with the network team in designing and implementing firewall policies and network security rules using PFSense firewalls.
- Worked with development teams supporting Devops tasks and applications deployment using Gitlab and Gitlab pipelines for CI/CD.
- Implanted network monitoring services including more than a hundred HP and Cisco network switches using SNMP protocol and Zabbix monitoring tool. Configured monitoring of Linux and Windows servers using Grafana Dashboards.

Java Developer, Cinq Technologies

Jun/2013 - Jun/2014

- Development of Java applications using JSP, JSF and JPA. Legacy Java Applications support and maintenance.

Systems Developer, Parceria Informática

Oct/2011 - Aug/2014

- Linux systems administration. Application development and support using Java and PHP programming languages and Mysql databases.

EDUCATION

VincIT Innovation Center - UNICIV

2018 - 2019

Specialization course in Software Engineering with Software Testing and Quality emphasis

Federal University of Technology - Paraná

2011 - 2014

BTech in Systems Analysis and Development

KEY SKILLS

- Back End: Java, Spring, Springboot, Spring Batch, Python
- Cloud: Aws services (EC2, ECS, Serverless Lambda, Cloudfront, S3), GCP Pub Sub, Terraform
- Databases: MySql, Postgres
- Devops tools: Gitlab, Git, Docker, Docker Swarm, Weave, Grafana, Prometheus, Loki, Redis
- Infra: Linux, VMWare, Hyper-V, Veeam Backup
- Testing: JUnit, Mockito, JMeter, Selenium, Robot Framework
- Front End: JSF, JSP, HTML, CSS, JavaScript, Vuejs

LANGUAGES

- English: Advanced
- Portuguese : Native Speaker