André Duarte Vizinha

Automation / Application Support

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Summary

- A versatile Software Developer with a strong foundation in building, automating, and supporting scalable applications.
- Proficient in Kotlin and Java, utilizing frameworks like Spring Boot to develop resilient microservices.
- Experienced in modern cloud-native operations, including CI/CD pipeline automation with Azure DevOps, container orchestration with Kubernetes, and performance monitoring with Dynatrace.
- Interested in development around AI and AI agents.
- github: https://github.com/cotinhalol

EXPERIENCES

Application Support   08-2023 - 06-2025

Crossjoin Solutions, Lisbon

- Provided critical application support for high-availability production systems at a major Canadian telecommunications company.
- Diagnosed and resolved production and performance issues within a Java (Spring Boot) microservices architecture.
- Utilized Dynatrace and Azure Application Insights to proactively monitor application health, identify performance bottlenecks, and accelerate root cause analysis.
- Authored recommendations for application and infrastructure enhancements.
- Supported a diverse technology stack including MS SQL Server, Cassandra, Redis, Azure API Management, Akamai CDN and Kubernetes

Automation   06-2025 - 08-2025

Crossjoin Solutions, Lisbon

- Designed and implemented reusable CI/CD pipelines in Azure DevOps to automate deployment processes.
- Authored custom automation scripts using Python and Bash to handle deployment logic.
- Engineered generic pipeline templates, significantly reducing the deployment time for new projects and enforcing standardized, error-free deployment practices.
- Managed the integration between JIRA project tracking and Azure DevOps CI/CD automation.

Education

Licenciatura em Engenharia Informática e Computadores (Bachelor's degree in Computer Science)   2019 - 2024

Instituto Superior de Engenharia de Lisboa, Lisbon

- Developed proficiency in Kotlin (including coroutines and reflection), Java, Javascript, Linux and Docker.
- Gained hands-on experience building applications with Spring Boot, Android, React, and Node.js.
- Enhanced the HTMLFlow library (https://github.com/xmlet/HtmlFlow) by migrating the codebase from Java to idiomatic Kotlin, improving maintainability and developer experience. This was done using dynamic code generation system that creates HTML at runtime based on a configuration file.

Languages

Portuguese	C2
English	C1

Interests

Development, AI, Ai Automation,