

DAVID FÉLIX

Software Engineer

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Nationality: Portuguese

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Own Projects: www.linkedin.com/in/davidmcfelix

SUMMARY

Software Engineer with 3.5+ years of experience building and shipping production applications across frontend (React/TypeScript), enterprise integrations (MuleSoft), and cloud infrastructure (AWS). Proven track record of owning features end-to-end from Figma design through API development, CI/CD automation, and production deployment across 50+ product teams and 800+ APIs.

Passionate about developer experience, code quality, and building tools that create real impact for customers

EXPERIENCE

Philip Morris International

Sintra | 12/2022 - Present

Software Engineer (Front End & Integration Engineer) · Full-Time · Remote

- Designed and built **10 MuleSoft APIs from scratch (RESTful and SOAP)** for a department-wide credit evaluation system with **AI-assisted decision-making, integrating with SAP systems**. Owned the full lifecycle, including API Manager setup, deployments, OpenTelemetry observability to New Relic, and active participation in Architectural meetings.
- Rewrote the company's **API catalog application end-to-end** (AWS Database, Back-end APIs, React front-end) to discover and reuse **800+ APIs**. Designed UI/UX flows in Figma before development, reducing stakeholder misalignment and development rework. Built a Power BI **dashboard** giving stakeholders real-time visibility into reviews, API inventory, and activity by product.
- Performed **185+ QA Code Reviews per year** to catch security vulnerabilities and production bugs, covering roughly **50% of the team's total review volume**.
- Architected CI/CD pipelines in Jenkins, enabling **50+ product teams** to self-serve deployments with SonarQube quality gates and security checks. Implemented custom SonarQube rules to surface issues directly during builds.
- Led **Java 17 migration across 17 APIs** (Dev/QA/PRD), **migrated 21 ELK** indexes to Data Streams, and optimised shared C4E API templates, including a **97% response size** reduction (3,000 KB → 75 KB) on a critical API.
- Building an **AI-powered review automation tool** using Claude Code that performs Solution Design, API Spec, and Code Reviews, auto-generates review summaries in JIRA, and creates Confluence documentation from templates.
- Conducted R&D** on OpenTelemetry, HashiCorp Vault connector, Flex Gateway for MuleSoft, SAP AEM Solace features, and MuleSoft Anypoint Platform releases informing technology adoption decisions for the team.

MaisEficaz

Lisbon | 09/2021 - 01/2022

Junior Software Engineer · Full-Time · Hybrid

- Built full-stack applications using **.NET Core 5, SQL, Dapper ORM**, and **Angular** with **RESTful APIs** (Swagger/JSON).
- Designed and built document templates in **Adobe Experience Manager** (LiveCycle Designer) used for client forms and contracts

SKILLS

Languages & Frameworks: TypeScript, JavaScript, React, Redux, Jest, Node.js, Express, HTML5, CSS3, SASS, .NET Core, Kotlin (Android)

Integration & APIs: MuleSoft, REST APIs, GraphQL, SAP AEM (Solace), OpenTelemetry

Databases: SQL, MongoDB, PostgreSQL, FireStore

Infrastructure & Tools: AWS, Jenkins, SonarQube, Elastic (ELK), Git, Bitbucket, Docker, n8n, PowerBI, FireBase, Google Cloud

Other: Figma, Postman, Insomnia, JIRA, Confluence, Agile/Scrum/Kanban, Claude, Copilot, Codex, Kiro

EDUCATION

Computer Science Bachelor's Degree - ISTEC 

Lisbon | 2018 - 2022

Web Development Bootcamp - IronHack (Zomato Scholarship Winner) 

Lisbon | 2020

CERTIFICATIONS

AWS Cloud Practitioner (87%) · SAP AEM Solace Developer Practitioner · Salesforce MuleSoft Certified

LANGUAGES

Portuguese (Native) · English (Proficient) · Spanish (Intermediate)