

Keiven Marques

Senior Software Engineer

Java · Spring Framework · Backend & web applications

Lisbon, Portugal | Open to remote work

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Profile

Senior software engineer with more than six years at Opensoft, developing and maintaining public-sector web services and applications. Works with Java, Kotlin and Spring, with experience in tax business rules, relational data modelling, performance troubleshooting and production support.

Professional experience

Senior Software Engineer | Opensoft

October 2019 - February 2026 | Portugal

- Developed and maintained Java/Spring web services and applications for public-sector systems, including IRC and the IHRU housing programme.
 - Implemented tax business rules and maintained applications including DMR, SIRE and Divergências.
 - Designed Oracle and IBM Db2 tables and relationships to support application data persistence.
 - Investigated production incidents and performance bottlenecks through monitoring and troubleshooting; provided technical support to restore service reliability.
 - Worked with product managers, designers and QA to translate business requirements into technical solutions.
 - Maintained secure infrastructure and contributed to development and maintenance process improvements while delivering against project requirements and deadlines.
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Technical skills

Backend & services

Java · Kotlin · Spring Framework · Python · Web services

Frontend

JavaScript · TypeScript · AngularJS · Angular · React

Databases & persistence

Oracle · IBM Db2 · InfluxDB · ORM

Infrastructure & delivery

Docker · Jenkins · CI/CD · TFS · Git · SVN · Linux · Windows

Engineering & collaboration

Agile · Jira · Splunk · Performance monitoring · Production support

Projects I've Worked On

Portugal's corporate tax system [↗](#)

Public sector / Tax

- Developed and maintained web services.
- Implemented corporate-tax business rules.
- Investigated performance bottlenecks and availability issues.
- Provided technical support to people using the system.

IHRU social housing programme [↗](#)

Public sector / Housing

- Built and maintained web applications.
- Translated business requirements into application logic.
- Supported secure infrastructure and service reliability.
- Delivered changes against project requirements and deadlines.

DMR - Declaração Mensal de Remunerações [↗](#)

Public sector / Tax

- Updated application business rules.
- Carried out application maintenance as part of the team.

SIRE - Electronic receipts [↗](#)

Public sector / Tax

- Updated application business rules.
- Carried out application maintenance as part of the team.

Divergências - Tax discrepancies [↗](#)

Public sector / Tax

- Updated application business rules.
- Carried out application maintenance as part of the team.

Education

Bachelor's degree in Computer Science

Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa

2014 - 2024

Languages

Portuguese - fluent · English - fluent