

# Gonçalo Paiva, Software Engineer

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## PROFILE

Highly proficient Software Engineer with 3+ years of experience specializing in the FinTech sector and complex enterprise application development for Banco Montepio. Deep functional knowledge of the banking and credit workflow domain. Experienced with Java EE (Java 8) development, deployment on IBM WebSphere, and system integration using SOAP Web Services. Proven ability to provide Level III production support and apply methodologies like Git and AI tools for robust application maintenance. Solid foundation in Full Stack development, including JSP, HTML, CSS, and JavaScript, backed by a Computer Engineering degree.

## PROFESSIONAL EXPERIENCE

Oct. 2022 — Present

### Software Engineer

ITSector (Banco Montepio)

- Leveraged **extensive banking sector knowledge** to develop and enhance the internal Personal Credit Workflow platform, ensuring compliance with financial regulations.
- Engineered and maintained core application modules using **Java EE (Java 8)**, deployed on **IBM WebSphere Application Server**, focusing on robustness and enterprise stability.
- Developed and enhanced user interfaces for bank analysts using **JSP (JavaServer Pages), HTML, and JavaScript** to improve system efficiency and user experience.
- Designed and implemented secure data integrations using **SOAP Web Services** and optimized database performance using **SQL Server**.
- Provided **Level III technical support** for critical production environments, quickly troubleshooting and resolving complex issues to minimize downtime.
- Applied **AI tools** to proactively identify and analyze potential performance bottlenecks and defects within the application codebase.
- Managed all code changes and collaborative development efforts using **Git** for robust version control.

Feb. 2022 — Jun. 2022

### Software Developer Intern

INSIA

- Focused on developing a web application for trainers and trainees using ASP.NET Core MVC framework.
- Employed tools like Jira and Bitbucket to manage project tasks and version control.

## EDUCATION

Sep. 2019 — Jun. 2023

### Degree in Computer Engineering

Fernando Pessoa University

Algorithms and Data Structures, Programming Languages, Computer Architecture, Databases, Computer Networks, Software Engineering, Distributed Systems, Operating Systems, Hardware and Sensors, Multimedia, Mathematics, Statistics, Electronics, Physics, Numerical Analysis.

<b>SKILLS</b>	Backend	Java 8 (JEE), Multithreading, Enterprise Architecture
	Enterprise Application	IBM WebSphere Application Server
	Frontend and Web	JSP (JavaServer Pages), HTML5, CSS3, JavaScript, jQuery, User Interface (UI) Development
	APIs	SOAP Web Services, XML, WSDL, JSON
	Database	SQL Server, PostgreSQL, SQLite
	Tools	Git, Jira

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<b>LANGUAGES</b>	English	C2
	Portuguese	Native speaker