

RAFAEL ANDRÉ

SOFTWARE ENGINEER

Junior Software Engineer with hands-on experience in automation, SAP integration, and web app development. Skilled in Python, JavaScript and BI tools, eager to grow in dynamic teams.

PROFESSIONAL EXPERIENCE

Professional Internship | Borgwarner TTT

Digital Transformation | Sep 2024 - Jun 2025

- Created SAP frontend used daily by 100+ technicians, improving workflow speed.
- Designed and embedded a Poka-Yoke (error-proofing) flow within the MES system to prevent wrong-part installations.
- Enhanced the suggestions app by adding a points-and-awards system with award-requisition workflows, approval routing, and automated email notifications.
- Managed the full production lifecycle—from release planning to change management—while creating quick-start guides and leading training.

Summer Internship | Borgwarner TTT

Digital Transformation | Jun 2024 - Aug 2024

- Automated reporting with Jasper + Python, reducing manual effort for production teams.
- Developed a suggestion app from scratch, streamlining improvement proposals and supervisor evaluations.
- Collaborated with teams to troubleshoot issues and support various departmental processes.

ACADEMIC QUALIFICATIONS

Bachelor's Degree in Computer Engineering

Polytechnic Institute of Viana do Castelo

| Sep 2021 - Jun 2024 |

- Project planning, coordination, and ethics studies;
- AI-based resume enhancement project;
- Research project on application testing;
- Exploration of data analysis libraries in Python (Pandas, Matplotlib, Scikit-Learn, among others);
- Travels management app;
- T-Pot instance installation and data analysis.



+351 927 719 337



andrerafael892@gmail.com



Ponte de Lima



[LinkedIn](#)



[Github](#)



[Web Portfolio](#)

SKILLS

LANGUAGES

Python | JAVASCRIPT | Go | PHP | C# | Kotlin | C

DATABASES

PostgreSQL | Firebase | MySQL | SQL Server

FRAMEWORKS

React | Node.js | Ionic | TypeScript | Bootstrap | Flask

BUSINESS INTELLIGENCE

Graphana | PowerBI | Kibana | Tableau

TOOLS

Github | Bizagi | Figma | Trello | Jira | RabbitMQ | Docker

LANGUAGES

Portuguese | C2 (native)

English | C1

Spanish | A1