

RAFAEL MARTINS DO SANTOS

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PROFESSIONAL SUMMARY

Software Development Analyst and QA Engineer working on mission-critical emergency response systems. Experience with PHP/JavaScript, test automation (Java/Groovy), and CI/CD on Jenkins/GCP to improve release reliability.

EDUCATION

B.Eng. Control and Automation Engineering , UTFPR	Expected Jul 2026
Technologist in Systems Analysis & Development , Universidade Positivo	2020–2022

SKILLS

Frontend	JavaScript (ES6+), HTML5, CSS3, React, Bootstrap
Backend	PHP, Java, Groovy, Node.js
QA & DevOps	Automated Testing, Jenkins, GCP, Git, GitHub
Methodologies	Agile, Scrum, CI/CD Pipelines
Languages	Portuguese (Native), English (Advanced/Full Professional)

EXPERIENCE

Software Development Analyst Atos	Feb 2024 - Present Curitiba, Brazil
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- **Critical Systems Development:** Maintain and enhance emergency response software used by major global public-safety agencies in North America and Europe, utilizing PHP and JavaScript.
- **Test Automation Scale:** Scaled automated regression to 1,100+ active scenarios (~8% YoY), using Java/Groovy to reduce regressions and increase release confidence for public-safety systems.
- **CI/CD & Cloud:** Manage Jenkins pipelines to execute automated tests upon build creation, utilizing GCP for the secure distribution and management of official software releases.
- **Release Management:** Coordinate official software releases via GCP, validating regression results and deployment readiness in staging environments before global deployment.

Junior Development Analyst CITS - Centro Internacional de Tecnologia de Software	Jan 2023 - Jan 2024 Curitiba, Brazil
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- **Full Stack Development:** Developed high-availability frontend modules for emergency service applications using PHP and JavaScript, focusing on usability and performance.
- **QA Infrastructure:** Implemented a dedicated test database and structure to validate new features, establishing a robust QA pipeline for continuous delivery.
- **Process Improvement:** Streamlined the QA cycle by automating verified bug fixes and integrating them into the CI pipeline, ensuring permanent resolution and reducing manual regression time.

Junior Systems Analyst T.A.S Automação	Nov 2021 - Dec 2022 Curitiba, Brazil
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- **IoT & Web Integration:** Developed custom industrial control applications using Node-RED and prototyped interfaces using React and HTML/CSS for process visualization.
- **Data Dashboards:** Designed real-time monitoring dashboards in Power BI and SQL Server to track critical metrics like temperature and voltage events.
- **Driver Implementation:** Implemented communication drivers to bridge Siemens PLCs with SQL databases, enabling data-driven decision-making.