

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	Feb 2024 - Present
Atos	<i>Curitiba, Brazil</i>

- 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	Jan 2023 - Jan 2024
CITS - Centro Internacional de Tecnologia de Software	<i>Curitiba, Brazil</i>

- 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	Nov 2021 - Dec 2022
T.A.S Automação	<i>Curitiba, Brazil</i>

- 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.