

RODRIGO OLIVEIRA

Full-Stack Developer | AI & Automation Engineer
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SUMMARY

Full-Stack Developer with 9+ years of experience in Python, React, Node.js, PHP, and Docker, specializing in AI Agents, RPA, and LLM-powered automation for digital businesses. Proven track record building and shipping products end-to-end - from consumer mobile apps (iOS and Android) to blockchain protocol integrations. Secured two grants on Secret Network (Cosmos/CosmWasm), generating over R\$500,000 in protocol grant revenue. Reduced enterprise data analysis time by 85% through automated dashboards and transformed a 6-hour manual process into a 30-minute automated workflow via RPA. Background spans full-stack development, process automation, blockchain engineering, and product co-founding. BSc in Computer Science.

CORE COMPETENCIES

Languages & Frameworks: Python, JavaScript/TypeScript, React, Node.js, PHP, HTML/CSS.

Infrastructure & DevOps: Docker, Git/GitHub, CI/CD, Linux, Cloud deployment.

AI & Automation: AI Agents, RPA (Robotic Process Automation), LLMs (GPT, Claude), prompt engineering, workflow automation, data pipelines.

Blockchain & Web3: Cosmos/CosmWasm, Secret Network, smart contract coordination, DeFi, tokenization, grant proposal and delivery.

Product & Design: Full-stack product development, mobile apps (iOS/Android), SaaS, UI/UX design, API integrations.

Data & Analytics: Data analysis, dashboards, process optimization, reporting automation.

PROFESSIONAL EXPERIENCE

DFK Digital Solutions

CTO | Jan 2025 - Present | Remote

Boutique Web3 consultancy delivering blockchain protocol solutions and digital products for global clients.

- Secured two protocol grants on Secret Network (Cosmos/CosmWasm), generating over R\$500,000 in grant revenue - owned proposal writing, technical architecture, and end-to-end delivery.
- Built all internal processes, systems, and technical infrastructure from scratch - development workflows, deployment pipelines, and client delivery frameworks.
- Led technical delivery for DeSci platform with on-chain blueprint storage, crypto funding pools, and privacy-preserving research workflows.
- Coordinated cross-functional teams of designers, fullstack developers, and smart contract engineers across concurrent client projects.

Sobr

Co-Founder & Commercial Director | Oct 2023 - Present | Remote

Sobriety-focused dating platform - from concept through mobile launch (iOS and Android).

- Co-founded and shipped consumer product from zero to live on both app stores - owning technical architecture, full-stack development, and commercial strategy.
- Led commercial positioning, establishing the brand as a reference in the sobriety-focused lifestyle space.
- Managed end-to-end product development lifecycle including mobile dev, backend API integration, UI/UX, and third-party service coordination.

Panasonic do Brasil

Data Analyst | Dec 2023 - Mar 2024 | Sao Paulo, Brazil (Remote)

- Automated reports and data processes, building dashboards that reduced analysis time by 85% for business units.
- Developed data pipelines and visualization tools using Python, delivering actionable insights to cross-functional stakeholders.

Dannemann Siemsen

Process Automation Analyst | Mar 2016 - Feb 2023 | Rio de Janeiro, Brazil

Intellectual property law firm - one of the largest in Latin America.

- Transformed a 6-hour manual task into a 30-minute automated workflow by developing a custom RPA script - a 92% reduction in processing time.

- Progressively expanded automation scope over 7 years, building scripts and tools that streamlined administrative and data processes across departments.
- Self-taught Python and RPA development on the job, applying automation skills to solve real operational bottlenecks without external tooling costs.

EDUCATION

BSc, Computer Science | Centro Universitario Unifacvest | 2018 - 2021

Technical Degree, Business Administration | FABEL | 2011 - 2014

CERTIFICATIONS

- Blockchain Engineering - Udemy (Mar 2024)
- Advanced UI Design - Origamid (Jun 2023)

LANGUAGES

Portuguese (Native) | English (Professional Working)