

# Washington Antônio Moreno Riega

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## PROFESSIONAL SUMMARY

**Full Stack Software Engineer** with **4 years of experience** developing end-to-end web applications, mainly working with the JavaScript/TypeScript ecosystem, including React.js, Next.js, Node.js, and REST APIs. Experienced in building responsive interfaces, backend integrations, data validation, automated testing, and technical documentation. Hands-on experience in multidisciplinary teams using agile methodologies such as Scrum and Kanban, applying best practices such as Clean Code, SOLID, GitFlow, and reusable component architecture. Also working as a freelance developer, building websites, landing pages, MVPs, and AI-integrated solutions from requirements gathering to deployment.

## EXPERIENCE

### **Venturus (Itriad), Manaus/AM/Brazil (2022 - 2024)**

#### **Junior Full Stack Developer**

- Developed responsive and accessible web interfaces for Gertec's internal and public applications using React.js, Next.js, TypeScript, Chakra UI, and state management.
- Implemented type-safe data flows with TypeScript and Zod, and integrated frontend applications with REST APIs built with Node.js and Express.js.
- Structured reusable components, state management patterns, and styling with TailwindCSS and Styled-components, improving software scalability and maintainability.
- Implemented unit tests with Jest and Vitest, improving feature stability, reaching around 70% test coverage in critical features, and reducing bug occurrence by 80%.
- Performed code reviews, documented technical flows, and collaborated with cross-functional teams applying Clean Code, SOLID, GitFlow, and CI/CD practices.

### **Freelance Developer, Manaus/AM/Brazil (2024 - Present)**

- Developed custom end-to-end web solutions, including high-converting landing pages and scalable MVPs using TypeScript, Node.js, MongoDB, and Docker.
- Led the implementation of an AI-powered essay grading tool for ENEM, integrating the application with the Gemini API to generate real-time automated feedback and reducing grading time by 90%.
- Automated development and operations processes using n8n, Claude, Gemini, and large language models, applying AI agents throughout the software development lifecycle to accelerate deliveries and bug resolution.
- Managed the full software engineering cycle, from requirements gathering and prototyping to deployment and integration with services such as payment gateways and AI APIs.

## EDUCATION

### **Federal University of Amazonas (January 2022 - February 2026)**

#### **Bachelor's Degree in Computer Science**

- **Relevant coursework:** Algorithms and Data Structures, Artificial Intelligence, Databases, Software Engineering, Systems Analysis and Design, Web Programming, Object-Oriented Programming.
- **Groups and activities:** Competitive programming (OBI), entrepreneurship, and MVP creation.

### **Fundação Matias Machline (2018 -2020)**

#### **Technical Degree in Information Technology**

- **Relevant coursework:** Network Management, Computer Science Fundamentals, Programming Languages, Game Programming, and Internet of Things (IoT).

## TECHNOLOGIES, SKILLS AND LANGUAGES

- **Technologies:** React.js, Next.js, React Native, TypeScript, JavaScript (ES6+), HTML5, CSS3, TailwindCSS, shadcn/ui, Chakra UI, Styled-components, Zod, Node.js, Express.js, Fastify, NestJS, RESTful APIs, PostgreSQL, SQL, MongoDB, Docker, Gemini API, Jest, Vitest, Git, GitLab, GitHub, Postman, Insomnia, and Swagger.
- **Languages:** Portuguese: Native; English: Advanced (C1).
- **Skills:** Agile (Scrum/Kanban), Unit and E2E Testing, SOLID Principles, Code Review, GitFlow, CI/CD, and Responsive Design.