

# Paulo Guilherme Santos Alves

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## Software Developer

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### PROFESSIONAL SUMMARY

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Full Stack Developer with a frontend focus, experienced in React, Next.js, TypeScript, and Tailwind CSS. I work with agile methodologies in distributed teams, contribute to architectural decisions and code reviews, and have hands-on experience with CI/CD and automated testing. Open source community founder committed to software engineering best practices, UX, and accessibility.

### PROFESSIONAL EXPERIENCE

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#### Full Stack Developer — Few CompanyRemote | Nov 2025 — Present

- Developed end-to-end solutions with React, Next.js, and RESTful APIs in Node.js
- Implemented secure authentication flows and integrated PostgreSQL and Supabase databases
- Built 5+ responsive interfaces with Tailwind CSS focused on UX best practices
- Contributed to architectural decisions, code reviews, and Git versioning standards

[React](#) [Next.js](#) [Node.js](#) [TypeScript](#) [Tailwind CSS](#) [Supabase](#) [PostgreSQL](#) [Git](#)

#### Quality Assurance Analyst (QA) — Lance WebRio de Janeiro | Mar 2025 — Nov 2025

- Designed and executed manual and automated tests using Cypress
- Documented bugs and collaborated with developers for timely fixes
- Ensured delivery quality with focus on performance, usability, and security
- Utilized Postman, Jira, Bitbucket, and CI/CD pipelines

[Cypress](#) [Postman](#) [Jira](#) [Bitbucket](#) [CI/CD](#) [Automated Testing](#)

#### Full Stack Developer (Freelance) — Few CompanyRemote | Feb 2025 — Nov 2025

- Developed custom features for clients
- Maintained and optimized existing web platforms
- Implemented responsive and accessible designs
- Communicated directly with stakeholders for requirements gathering
- Built mobile applications with React and Expo

[React](#) [Next.js](#) [Node.js](#) [Expo](#) [TypeScript](#) [Tailwind CSS](#) [Supabase](#) [PostgreSQL](#) [Git](#)

#### Software Developer (Freelance Projects) — Remote | Feb 2024 — Feb 2025

- Built full stack web applications from scratch
- Communicated directly with clients for requirements gathering
- Delivered responsive and functional solutions
- Selected technology stacks based on project needs

[React](#) [Next.js](#) [Node.js](#) [Expo](#) [TypeScript](#) [Tailwind CSS](#) [MySQL](#) [SQL](#) [MongoDB](#) [Git](#)

### PROJECTS

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#### [SharkType](#)

- Typing practice platform for programmers with 199 exercises across 13+ languages, cybersecurity and DevOps tracks, gamification, algorithm sonification, and i18n support (PT/EN/ES/FR)

[Next.js](#) [TypeScript](#) [Tailwind CSS](#) [Three.js](#) [React Three Fiber](#) [Vercel](#)

#### [AlgoriUI](#)

- Interactive platform for studying algorithms and data structures with animated visualization, sonification, integrated code editor, and support for multiple algorithms (BFS, DFS, Heap Sort, Radix Sort, etc.)

[Next.js](#) [TypeScript](#) [Tailwind CSS](#) [Web Audio API](#)

#### [Minha Estante](#)

- Personal book management web app with collection tracking, title registration, and reading summaries. Features light/dark theme support and internationalization (PT/EN)

[React](#) [JavaScript](#) [CSS](#) [Vercel](#)

## OPEN SOURCE COMMUNITY

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### Few Soldiers — Founder

- Open source organization on GitHub and Discord for contributing to projects, sharing knowledge, and supporting developer community growth

## TECHNICAL SKILLS

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**Frontend:** JavaScript, TypeScript, React, Next.js, Vue.js, HTML, CSS, Tailwind CSS, Framer Motion, Three.js, React Three Fiber, SSR/SSG

**Backend:** Node.js, REST APIs, Python, Java, C++

**Databases:** PostgreSQL, MongoDB, Supabase, SQL

**DevOps & Infrastructure:** Docker, Linux, Git, GitHub, GitLab, Vercel, CI/CD, Bitbucket Pipelines, Bash scripting

**Testing:** Cypress, Postman, manual and automated testing

**Other:** Systems Architecture, Machine Learning, Automations (N8N, Python), OOP, Blockchain, Azure Cloud (AI), Agile Methodologies (Scrum, Kanban)

## SOFT SKILLS

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Communication, creative problem-solving, teamwork, decision-making, tech community leadership, collaboration in geographically distributed teams

## LANGUAGES

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- English: Fluent (C2) — CCAA English Teaching Diploma
- Portuguese: Native

## EDUCATION

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**Bachelor's in Computer Science** *Feb 2023 — Nov 2026*

Centro Universitário IBMR — Rio de Janeiro

## COURSES & CERTIFICATIONS

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- Azure Cloud Computing with AI Focus — IBMR / São Judas, 2023
- Computational Solutions Programming — IBMR + Oracle Academy, 2023
- Computer Systems and Security — IBMR, 2023
- Usability, Web, Mobile and Game Development — IBMR, 2024
- Theory of Computing and Compilers — IBMR, 2024 — AI Professional Qualification
- BOOTCAMP: Blockchain and Emerging Technologies — ECOAPUC
- FewAcademy: LeetCode Practice, N8N Agents, and Additional Activities