

VICTOR LOPES DOS SANTOS

Full Stack Software Engineer (Mobile & Web)

Salvador, Brazil

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Portfolio | LinkedIn | GitHub | Medium

SUMMARY

Full Stack Software Engineer with strong experience delivering cross-platform mobile and web applications end-to-end. Specialized in Flutter, React, and backend development using Spring Boot, Flask, and ASP.NET MVC. Proven experience building production-ready applications used by real users, including AI-driven healthcare solutions with computer vision. Comfortable owning features from design to deployment in agile, fast-paced environments.

EXPERIENCE

Horizon — Innovation & Technology | Full Stack Developer Jun 2025 – Present

- Developed and maintained cross-platform mobile applications in Flutter for Android and iOS.
- Designed and implemented RESTful APIs to support scalable communication between frontend and backend services.
- Owned the full mobile app lifecycle, including App Store and Google Play releases, versioning, and post-launch maintenance.
- Implemented complete backend solutions using Supabase (authentication, PostgreSQL, storage, realtime, edge functions).
- Built web and hybrid applications using React and Capacitor, integrating native device features such as camera, file system, and push notifications.
- Leveraged AI-assisted development tools (Lovable, Cursor) to accelerate feature delivery, reducing implementation time from **1–2 weeks to 2–3 days** for medium-sized features, while maintaining code quality and documentation standards.

Computação Brasil | Full Stack Developer Jan 2023 – Jun 2025

- Developed a healthcare research application focused on **wound recognition using computer vision**, delivered as a cross-platform Flutter app, enabling **instant diagnosis without the need for laboratory analysis**.
- Implemented image processing and classification pipelines with **OpenCV and Python**, achieving approximately **85% model accuracy**.
- Built and maintained ERP and management systems using **ASP.NET MVC** and microservices architecture.
- Integrated Firebase services (Authentication, Firestore, Cloud Messaging, Storage), enabling real-time data synchronization and offline-first mobile experiences.
- Implemented comprehensive **unit, widget, and integration testing** using **flutter_test** and **Mockito**, significantly improving application stability and reducing regression issues across releases.

TECHNICAL SKILLS

Languages:	Dart, JavaScript, TypeScript, Python, Java, C#
Mobile:	Flutter, Android, iOS, Capacitor
Frontend:	React, HTML, CSS
Backend:	Spring Boot, Flask, ASP.NET MVC, REST APIs
Databases & Cloud:	PostgreSQL, Firebase, Supabase
AI & Automation:	Prompt Engineering, AI-assisted Development, LLM-based Tools (Cursor, Lovable), Selenium
Tools:	Git, Figma, Selenium, VS Code, IntelliJ

EDUCATION

Federal Institute of Bahia (IFBA) — Salvador, Brazil

Systems Analysis and Development

Jul 2022 – Present

- Technical writer on Medium, sharing practical insights on Flutter, mobile architecture, and full stack development.
- Personal projects focused on SaaS platforms, AI-enhanced applications, and scalable frontend architectures.

CERTIFICATIONS

- The Complete Spring Boot Development Bootcamp — Udemy
- Java and Spring Boot Training — Alura
- Introduction to Software Testing — Tomorrow (UFBA)
- Mobile Application Development — Tomorrow (UFBA)