ÁLVARO HENAO GONZÁLEZ

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PROFESSIONAL PROFILE

Software Engineer with experience in full stack web development, data analytics, and artificial intelligence. Proven leadership as Development Lead, driving scalable architectures and optimizing processes through technologies such as ReactJS, FastAPI, Python, MySQL, and Neo4j. Skilled in QA automation, Agile methodologies, and AI integration. Passionate about building impactful solutions and mentoring teams.

TECHNICAL SKILLS

Programming Languages	Python, JavaScript, TypeScript, PHP, Swift, C (learning)
Frontend	ReactJS, TailwindCSS, HTML5, CSS3, DOM, TypeScript, Streamlit
Backend	FastAPI, Node.js, REST APIs, JWT
Databases	MySQL, PostgreSQL, Neo4j, Supabase
Data & AI	Pandas, NumPy, Matplotlib, Scikit-learn
Testing & QA	Postman, Pytest, Unit Testing, API Testing
DevOps & Tools	Docker, Git/GitHub, Render, Vercel, Netlify, CI/CD
Mobile	SwiftUI, basic Android (Java/Kotlin intro)
Languages	Spanish (Native), English (C1), Italian (B1–B2)

PROFESSIONAL EXPERIENCE

Riskks – Development Lead | Dec 2024 – Present

• Led a development team to build a scalable healthcare management platform (ReactJS + FastAPI + PostgreSQL).
• Migrated architecture to modular microservices, reducing deployment time by 30%.
• Implemented automated tests and CI/CD pipelines, improving release quality.
• Coordinated requirements with stakeholders and ensured Agile delivery.

Nimbox – Software Developer | 2023 – 2024
• Built interactive dashboards and interfaces with ReactJS and Supabase.
• Implemented Supabase Auth for secure authentication/authorization.
• Improved database queries, increasing performance and stability.

Veritran – Software Analyst | 2022 – 2023
• Developed mobile interfaces with SwiftUI for iOS applications.

• Designed and executed automated test cases.
• Identified and documented bugs, contributing to higher app stability.

EDUCATION
• Software Engineering – CIAF Pereira (Expected June 2026)
• Technologist in Software Analysis and Development – SENA (2022-2024)
• Technician in Software Programming – SENA (2020-2021)

OUTSTANDING ACHIEVEMENTS
• Selected as representative of Risaralda in Artificial Intelligence at the national level.
• Successfully led high-impact projects integrating AI, data analytics, and scalable software systems.