Jhonier Yesid Santana Pedroza

Fullstack Software Developer | React | React Native | Node.js | TypeScript | AI (Claude Code)

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Portfolio: my-portafolio-jhoniersantanas-projects.vercel.app/en

PROFESSIONAL SUMMARY

Fullstack Software Developer with 2+ years of experience designing, building and maintaining web, mobile and desktop applications. Specialized in the JavaScript and TypeScript ecosystem (React, React Native, Node.js) and in backend development with Node.js and Python (Flask, Django) on MySQL. Experienced in scalable frontend architecture, REST API integration, UX/UI, technology migration, CI/CD and functional testing, working with Git and Agile (Scrum). I bring AI-assisted development with Claude Code into my workflow.

WORK EXPERIENCE

Software Developer | Seguridad Penta / Bartik | Bogotá, Colombia *May 2025 – Present*

- Led UX/UI improvements across a suite of 5 web, mobile and desktop applications, optimizing key workflows and increasing usability and user satisfaction.
- Designed and implemented the frontend architecture of 4 SaaS applications, integrating REST APIs and building intuitive interfaces aligned with business needs.
- Directed the migration and update of critical dependencies and ran cross-platform functional testing, reducing technical debt and improving product stability.

Frontend Developer | Attendv / Betek | Medellín, Colombia *May 2024 – Oct 2024*

- Built a complete on-demand services web application with React and Firebase, implementing dynamic features that improved user interaction.
- Optimized application performance and SEO through efficient code and best practices, improving load speed and search visibility.
- Set up and implemented CI/CD (continuous integration and delivery) pipelines, automating deployment and streamlining the team's workflow.

Software Developer (Freelance) | Autonomic Mind | Medellín, Colombia *Sep 2023 – Oct 2023*

- Built software solutions in multiple languages (Dart, Kotlin, R, Lua), applying functional programming and recursion to solve specific business problems.
- Used Git version control in a collaborative environment, streamlining code integration and teamwork.

Software Developer (Trainee) | Holberton School | Bogotá, Colombia *Sep 2022 – Jul 2023*

- Built complete fullstack projects with React, Python (Flask) and MySQL in an intensive program, covering the full software development lifecycle.
- Applied unit and integration testing to ensure code quality and robustness across all projects.
- Solved 100+ logic, algorithms and data structures exercises, strengthening problem solving and code optimization.

TECHNICAL SKILLS

Frontend: React.js, React Native, Electron.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS, Tailwind CSS, Chakra UI

Backend & Databases: Node.js, Python (Flask, Django), MySQL, Firebase, REST APIs

State Management: Redux, TanStack Query (React Query)

AI for Development: Claude Code, AI-assisted development

Testing & QA: Functional testing (web, mobile and desktop), unit and integration testing, bug documentation, issue tracking

Tools & Methodologies: Git, GitHub, CI/CD, Scrum (Agile), problem solving

EDUCATION

Frontend Development Certification | Betek *Nov 2024*

Software Development Certification | Holberton School *Jul 2023*

High School Diploma (Academic) | Instituto Técnico Industrial *Nov 2020*

LANGUAGES

Spanish: native | English: intermediate