

Tony Santana

Senior Software Engineer | Project Manager | Full Stack Developer
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Summary

Senior Full Stack Software Engineer with 7 years of experience in all stages of the development cycle for web projects. Delving into new technologies and programming best practices like clean code, SOLID principles and design patterns. Well-versed in numerous programming languages including Typescript, JavaScript, HTML, CSS, SQL. Strong background in project management and customer relations.

Education

Bachelor: **Telecommunications and Electronics Engineer** Sep 2011 – Jun 2016
Technological University of Havana “José Antonio Echeverría” (CUJAE), Havana, Cuba

Experience

OfficePuzzle Sep 2024 – Present

Senior Software Engineer

- Led the development of scalable solutions to streamline provider–caregiver–admin interactions.
- Designed and built modules for calendar management, online support, and mobile applications to optimize operational workflows.
- Collaborated with security teams to ensure HIPAA compliance and system robustness.
- Developed a custom website builder (similar to Webflow) to offer agile, personalized digital services.
- Refactored core codebases, significantly improving app speed and resource efficiency.

Technologies and tools used: Nuxt, VueJS, Vite, Docker, Microservices, Scrum, MongoDB, TypeScript, Git, GitLab, Bootstrap, Element UI.

Falabella Nov 2023 – Aug 2024

Senior Software Engineer

- Engineered and maintained key web applications within Falabella's SCC ecosystem.
- Worked closely with cross-functional teams to identify and implement process improvements.
- Introduced innovative solutions that enhanced team efficiency and product performance.
- Translated complex requirements into robust technical solutions, ensuring optimal performance and adherence to quality standards.
- Reduced deployment time by 70% through CI/CD optimization and process tuning.

Technologies and tools used: NestJS, ReactJS, Vite, Swagger, Storybook, Docker, Microservices, Scrum, PostgreSQL, GCP, JavaScript, TypeScript, Git, GitLab, TailwindCSS, Redux, CI/CD, GraphQL, Zod, Shadcn.

Cuban Air Navigation Company May 2018 – Oct 2023
Software Engineer

- Centralized the management and analysis of the logs of 4 applications in production using ElasticSearch and Kibana.
- Created a system for the management of the strategic objectives of the company, increasing by 60% the organization, control and overview of the planned tasks.
- Optimized the company's human resources activity, implementing a system that allowed the immediate and easy generation of statistical reports.
- Optimized the maintenance and management of the information flow of 2000+ computer media and 50+ company services, through a system for its control.
- Refactored outdated legacy source code from a production application, resulting in improved usability and reduced runtime performance by 10%.

Technologies and tools used: NestJS, ReactJS, Docker, Microservices, Scrum, MongoDB, MySQL, PostgreSQL, Apache Kafka, Elasticsearch, ExtJS, NodeJS, Express, JavaScript, TypeScript, Git, GitLab, TailwindCSS, Linux, Redux, NextJS.

Cuban Air Navigation Company Sep 2016 – Apr 2018
Network Administrator

- Virtualized servers with PROMOX, accelerating and simplifying the deployment of resources and applications by 80%, reducing the cost of hardware.
- Implemented digital signature server integrated with the Active Directory, saving the company 10% in office supplies costs and increasing the efficiency and speed of procedures by 70%.

Skills

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| <ul style="list-style-type: none">• Programing Languages
<i>Typescript, Javascript</i>• Microservices
<i>NestJS, Apache Kafka, ElasticSearch, Kibana, Redis</i>• Backend Development
<i>NodeJS, NestJS, Express, Fastify</i>• Database Management Systems
<i>MySQL, MariaDB, PostgreSQL, MongoDB, Redis</i>• Build Tools
<i>Docker, Docker-Compose, Webpack, Vite</i>• CI/CD
<i>GitHub Actions</i>• Monorepo
<i>Turborepo, Nx</i>• Other Libraries
<i>Redux, GraphQL, Zustand, Jotai, Zod, Storybook, Swagger</i> | <ul style="list-style-type: none">• Methodologies
<i>Scrum, Agile</i>• Frontend Web Development
<i>NextJS, React, Astro, VueJS, Nuxt, TailwindCSS, ExtJS, Bootstrap, CSS3,</i>• Cloud Technologies
<i>GCP, AWS, Firebase, Supabase, Cloudflare, Vercel</i>• Test Tools
<i>Jest, Vitest, Cypress, Playwright</i>• Control Version Systems
<i>Git, GitLab, GitHub</i>• ORM / ODM
<i>Sequelize, TypeORM, Prisma, Mongoose</i>• Other Tools and Technologies
<i>Linux, Nginx, Apache Server</i>• AI Integrations
<i>Hugging Face, Open AI, Vercel AI SDK, Gemini</i> |
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Languages

- English
- Spanish (Native)

Certifications

- SCRUM FOUNDATION PROFESSIONAL CERTIFICATE