Randall Sáenz Sanabria

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Summary

Highly motivated and results-oriented AI Automation Specialist and Front-End Web Developer with 3+ years of experience in developing and integrating innovative solutions. Proven ability to design, develop, and deploy solutions, including those leveraging several ML technologies, to automate processes and enhance user experiences. Experience with API development and experienced in deploying and managing applications on cloud platforms such as GCP. Expertise in front-end technologies. Excellent problem-solving and communication skills, eager to learn and stay at the forefront of AI and cloud advancements. Knows how to transform constraints into opportunities.

Professional Experience

AI Automation Specialist | Pingwe, Netherlands | 2025 -

- Designed and developed an order fulfillment automation that integrated Woocomerce, Stripe, eSIMAccess and Databases. Freed up to 10 hours per week in sales fulfillment process. Reports on sales are logged and visible to share with affilliates.
- Implemented an AI Agent Telegram bot and WhatsApp bot that take inquiries and orders.

AI Agent Developer | PoppyAI, USA | 2024-2025

- Spearheaded the development of an AI agent leveraging Zapier and OpenAI APIs to process over 10,000 items (emails, Slack messages, and SMS), resulting in an estimated 15 hours saved per week for administrator and $2000 monthly cost reduction.
- Engineered and deployed automation workflows connecting Firebase, GCP, and a custom web platform to streamline payment validation processes, improving efficiency by approximately 30%.

Automation Specialist and Front-End Web Developer | 5 Ways to Innovate, Singapore | 2024 -2025

- Developed a custom reporting tool using JavaScript and Google Apps Script to automatically generate innovation score reports from user input data, processing over 100 survey responses monthly and reducing report generation time by 80%.
- Automated a lead magnet workflow using Zapier to efficiently manage emails and streamline data management, enhancing lead conversion rates by approximately 15%.

Automation Specialist and Front-End Web Developer | Ecotattooing.com, Canada | 2024 -

- Implemented automated data storage, cleaning, and email notification systems using Make for user registration, managing over 200 new user registrations and improving data accuracy by approximately 95%.
- Designed and built a dynamic website featuring user registration and interactive data visualization using JavaScript, Mapbox, and Google Apps Script to display user data geographically.

Front-End Web Developer | Revealio, Canada | 2023 - 2025

- Implemented and designed a prototype for a web AR Card app that shows videos on top of business cards. Reduced the load time and increase stability of videos displayed in 3D space by 35% by using 8thWall.

Front-End Web Developer | MaricaTransfrontera, Costa Rica | 2023 - 2024

- Developed a data visualization web application to showcase art from Nicaraguan and Costa Rican artists, featuring over 150 art pieces and attracting over 500 unique visitors in the first month using D3 and Node.

Front-End Web/VR Developer and Course Facilitator | SINESTESIA | 2019 - 2023

- Developed 4 interactive WebVR experiences for online music concerts, enhancing user engagement by an estimated 40% based on user feedback surveys using Node, Aframe and Webrtc.
- Implemented a custom streaming server using Node.js to support high-quality, low-latency streaming for online events with up to 300 concurrent users.
- Created and delivered content for 3 comprehensive courses on Web Development and JavaScript frameworks, training over 100 students in total.

Frontend Web Developer | Villtank Comunicación, Spain | 2020 - 2021

- Developed and rigorously tested Vextre, an XR web-based application for advanced data visualization, improving data accessibility and user understanding by approximately 25% based on internal testing metrics.

Education

- **IT Infrastructure and Integration Engineer** | Universidad Cenfotec | 2012 - 2017
- **Social Anthropology (Anthropology of Science and Technology)** | Universidad de Costa Rica | 2011-2015

Certification: Introduction to Machine Learning with Python | Duke University | 2021

Languages

- English: 95%
- Spanish: 100%

- French: Written/Listening 50%, Spoken 50%

Technical Proficiencies

- Programming Languages: JavaScript, Python
- Web Development: HTML5, CSS3, React, Svelte, RESTful APIs, Git
- Cloud Platforms: GCP (Google Cloud Platform), Azure, AWS, Firebase
- DevOps: Docker, Coolify, Gitlab-Github CI/CD,
- Automation Tools: Zapier, N8n, Make, Google Apps Script, Vapi, Retell, Synthflow, Botpress, Bland