System Engineer.
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Intro

Systems Engineer with solid experience in web and mobile development, now specializing in artificial intelligence, machine learning **(ML)**, deep learning **(DL)**, and large language models **(LLMs).** I combine strong programming expertise with advanced data-driven approaches, leveraging tools like **Cursor**, **GitHub Copilot**, **Claude Code**, Codex, Antigravity, and AI-powered platforms to accelerate development cycles and deliver intelligent, high-impact solutions.

Comfortable working across the full stack, I design and implement AI enhanced systems that bridge backend automation with smart, adaptive user interfaces. Passionate about creating robust, scalable, and intelligent solutions that harness **ML/DL** to tackle complex problems efficiently and drive real-world innovation.

Skills and Abilities

- **Leadership:** Proven ability to take requirements directly from stakeholders, translate them into clear technical strategies, and identify the most efficient solution using the most appropriate technology stack. Experienced in guiding projects from concept to delivery, aligning technical decisions with business objectives, coordinating cross-functional teams, and ensuring scalable, long-term impact.

- **Development:** Experienced across the full stack, I design scalable architectures that combine solid software engineering with LLM-driven reasoning, tool orchestration, and modern AI-assisted development tools to deliver high-impact solutions.

- **AI:** Machine Learning, Deep Learning, NLP, LLM's interconnection (RAG), Claude Code, Codex, Cursor, Anti Gravity

- **Back-end:** Specialist in Python, Node, .NET, .NET Standard, C#, VB.

- **Front-End:** Proficient in Javascript, TypeScript, React, Angular, Vue, Astro, and Next.js.

- **CSS and UI Libraries**: Expert in building sites from scratch using HTML and CSS, but also with advanced proficiency in Bootstrap, Material, Tailwind, and shadcn.

- **Cloud Platforms:** Specialist in AWS and Azure.

- **Database Management:** Advanced expertise in Oracle, Microsoft SQL Server, MySQL, MongoDB, PostgreSQL, and DynamoDB.

- **Mobile Technologies:** Specialist in Flutter and Xamarin Forms.

Job Experiences

FusionHit – Costa Rica
Tech Lead, Feb 2021 – Today.
 Achievements:
- Architect, manage and develop real solutions from scratch
- Development of new app modules.
- Migration of Code between different technologies.
- Tech lead for current projects.
- Follow up meetings with stakeholders.
- Providing support to core apps.
- Pioneered the integration of AI-powered solutions, including the use of large language models (LLMs) and Retrieval-Augmented Generation (RAG) pipelines, to enhance automation, improve developer productivity, and deliver intelligent system features.

Tools: Oracle, PostgreSQL, DBeaver, ASP.NET core (c#), Javascript, React, Angular, AWS, Dapper, Bitbucket, Jira, Python, Cursor, Copilot, Gemini CLI, Antigravity, Claude code, Codex.

Arvum – Costa Rica
Senior Developer (Freelancer), March 2020 – March 2021.
 Achievements:
- Develop new app modules.
- Migration of Code between different technologies.
- Lead small projects.
- Giving support to core apps.

Tools: *SQL Server, Asp.net (c#), Javascript, Angular js, Angular, Bootstrap, EntityFramework, Azure DevOps.*

Font Sistemas – Costa Rica
Staff Engineer (Freelancer), September 2018 – Today.
Achievements:
- Architected and delivered enterprise asset management platform serving multiple organizations nationwide, establishing technical standards and integration patterns for scalable growth.
- Led cross-functional API design and implementation, enabling seamless integration between web services and mobile applications developed by external teams.
- Drove technical sustainability by modernizing legacy systems, implementing monitoring solutions, and establishing maintenance protocols that reduced technical debt while ensuring business continuity.

Tools: *SQL Server, .Net (c#), Javascript, EntityFramework, Azure, Reporting Services, IoT: RFID Integration,Cursor, Copilot, Gemini CLI, Antigravity, Claude code, Codex, v0.*
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Evertec Inc – Puerto Rico
Senior Developer (Freelancer), September 2016 – March 2021.
 Achievements:
- Develop the intranet of a banking client in Puerto Rico, which is responsible for the management and maintenance of backend processes.
- Develop Apps and services (web and Windows) that control the data to communicate with other Banks, with shipping of information formatted at the request of the recipient.
- Lead and assign tasks to a group of developers located in several countries.

Tools: *SQL Server, Asp.net (c#), Javascript, Jquery, Bootstrap, EntityFramework, Reporting Services.*

Tradersource - Venezuela

Mid Software Developer, April 2016 – September 2016.
Achievements:
- Develop web apps for the control of internal processes of the company.
- Develop Apps and services for the data control to be published on the e-commece.
- Support the sales portal on demand by the user.

Tools: *SQL Server, My Sql, Mongo DB,MariaDB, Asp.net (c#), Asp.net MVC, Php, Javascript, Jquery, Bootstrap, MetroUI, EntityFramework, Reporting Services.*

Soluciones HGI C.A. - Venezuela

Mid Developer, November 2012 – December 2015.
Achievements:
- Develop applications and services (web and windows) at the user's request (CitiBank and Toyota Financial Services).
- Giving support to internal applications of the bank responsible for the processing and management of account and customer data.
- Generation, analysis and review of regulatory reports, delivered to the superintendence of banks.
- Lead development of custom applications.

Tools: *SQL Server, Oracle, Asp.net (c#), Javascript, Jquery, Bootstrap, Reporting Services.*

Education

2007 - 2013	**National Polytechnic Experimental University Antonio José de Sucre** (**U.N.E.X.P.O.)** Systems Engineer.

Additional Skills

2025	**LLM Engineering.**	43 Hours.
2024	**Python Deep Learning.**	27 Hours.
2024	**Python Machine Learning.**	31 Hours.
2024	**Ethical Hacking.**	22 Hours.
2022	**AWS Cloud Practitioner**	15 Hours.
2021	**React MERN Stack**	54 Hours
2020	**Legacy Flutter**	38 Hours
2019	**Xamarin**	32 Hours
2018	**Angular MEAN Stack**	21 Hours

Languages

Spanish: Native.
English: B2.