

Andres Estrella

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ABOUT ME

I'm a driven Software Engineer based in Santiago, Dominican Republic with interest on web development, computer vision and audio programming. I have solid foundational knowledge in software development and programming concepts. I am a self-learner that can solve any problem on his own but can also thrive in and lead small team environments. I am excited to find a team to build awesome projects with.

EDUCATION

Bachelor's Degree in Computer Science <i>PUCMM</i>	Santiago, Dominican Republic 2022
English Language Certificate <i>ENCOM</i>	Santiago, Dominican Republic 2016

EXPERIENCE

Full Stack Developer (Remote) <i>Flatiron Software Co</i>	Nov 2024 - Present <i>United States</i>
<ul style="list-style-type: none">Sub-contractor work for a global media conglomerate developing features for their in-house front-end rendering engine and CMS.Developed onboarding platforms using React and Material-UI, reducing setup time for new users, improving the user experience, and accelerating product adoption.Optimized complex SQL queries to extract and analyze GitHub and Jira metrics, leveraging React, Node.js, PostgreSQL, and GraphQL to deliver accurate, actionable insights and improve data processing efficiency.Built 3 beautiful, fully responsive, performant and SEO optimized with integrated analytics landing pages using Webflow.	
Full Stack Developer (Hybrid) <i>GenXC Group</i>	Nov-Nov 2024 <i>Santiago, DR</i>
<ul style="list-style-type: none">Lead a team of 2 junior developers and shipped an IT Ticketing system, a partners management system, notification and mailing system and over 16 new features to existing apps.Wrote and shared extensive previously non-existent documentation.Overhauled authentication and authorization system.Did large code refactors to prioritize simpler, more readable code.Migrated over 8 apps and services across 2 physical servers, including PostgreSQL and MariaDB databases where I also setup automatic backups and replication across servers.Screened resumes, interviewed, selected and on-boarded new developers to the team.General IT help around the office :)	
Data Analyst (Remote) <i>Freelance</i>	Sept-Oct 2023 <i>Miami, FL</i>
<ul style="list-style-type: none">Analyzed client's needs and data infrastructure and made Power BI reports consuming data from SQL databases and Excel sheets.	
Software Developer (Remote) <i>Arcvale</i>	Jan-Aug 2023 <i>Tallahassee, FL</i>
<ul style="list-style-type: none">Front-end developer on an internal studio product. Launched minimum viable product (MVP) version of the project by shipping core features and resolving critical bugs.Resolve a reported dashboard breaking bug by tracking down problematic database entries and their cause.Reduced server storage costs by limiting user input data size and conceiving efficient ways of storing it, eliminating extra columns on many important tables	
Software Developer Intern (Remote) <i>Systems and Integration Services LLC</i>	Jul-Sept 2022 <i>Orlando, FL</i>
<ul style="list-style-type: none">Underwent training on the company's stack. Learnt the Rust programming language and built REST APIs that persisted data on Postgres databases. Then made a simple interface that consumed the said APIs	

- Containerized and deployed onto the cloud web apps with Docker.

English Teacher

2017

ENCOM

Santiago, DR

- Convinced my students with arguments tailored to their interests and priorities of the importance of learning English, inspiring them to pay more attention and be more responsible.

TECHNICAL SKILLS

- Competent in JavaScript/Typescript, Java, Rust, and Python. Familiar with C# and Golang.
- Frameworks: React, Express, Nextjs, Svelte, Nodejs, .NET, Spring, Javalin, Actix.
- SQL (PostgreSQL, MySQL/MariaDB) and No-SQL (MongoDB).
- HTML and CSS (Tailwind, Bootstrap).
- Git, Docker / Docker-Compose, Nginx.
- Linux and Windows operating systems.
- AWS (EC2, Server-less) and Heroku.
- Entry level Android knowledge.
- Knowledge of REST and MVC design patterns.
- Agile and Scrum development process.