

DAVID VASQUEZ MAHECHA

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Full Stack Developer - Senior

SUMMARY

Full Stack Developer with strong experience in Next.js, React, and TypeScript. Skilled in building engaging applications with JavaScript, Python. Proficient in using TypeScript, MongoDB, MySQL, and Prisma for effective solutions. Experienced in deploying projects on Vercel and Google Cloud, with a solid grasp of cloud platforms and version control with GitHub. I am passionate about achieving project goals and delivering high-quality results.

WORK EXPERIENCE

Freelancer - Full Stack Developer, Credito Ya

May 2024 - Aug 2024

- Developed a full stack web application solution, transforming the loan application process into a fully digital experience.
- Created real-time interfaces for both customer and employee applications, enabling seamless tracking and management of loan applications.
- Streamlined loan management and approval workflows, improving overall efficiency and transparency in the loan process.

Backend Developer Smart Talent

Jun 2024 - Jul 2024

- Developed a comprehensive feedback management system for Smart Ranks, centralizing user feedback in an organized manner.
- Implemented features for users to submit feedback, track its progress, and receive real-time updates, enhancing communication between users and system administrators.
- Streamlined the feedback process, ensuring efficient and systematic handling of all submissions.

Full Stack Developer, ParfumCol

Nov 2024 - Feb 2025

- I developed an e-commerce for the sale of lotions with payment integration through Mercado Pago, ensuring a smooth and secure shopping experience.
 - I implemented a custom private blockchain node using Nest.js and TypeScript, designed to immutably record both purchase orders and internal business processes.
 - I created a cryptocurrency-based rewards ecosystem through a Smart Contract developed from scratch, allowing customers to earn specific tokens for each purchase made, based on the total amount.
 - I designed a system where users can:
 - Redeem your tokens for discounts on future purchases.
 - Retain them as an investment, leveraging value enhancement based on supply and demand within the ecosystem.
 - All development was done in a completely private and customized environment, without relying on external technologies such as Ethereum or Solidity, optimizing costs and maximizing security.
 - The project was deployed on Google Cloud Platform (GCP), ensuring scalability, performance and availability and using Git for version control.
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EDUCATION

Systems Technician

University Autonoma de Nariño

- Proficient in Basic Programming: Gained experience with fundamental programming skills in PHP and HTML.
- Experienced in Network Administration and Computer Setup: Acquired extensive knowledge in managing networks and configuring various types of computer systems.

Aug 2022 - Nov 2023

Software Developer

Holberton School

- Skilled in Programming and Algorithms: Acquired expertise in low-level programming with C, as well as high-level languages like Python and JavaScript, along with a strong understanding of algorithms and data structures.
- Experienced in Teamwork and Collaboration: Gained significant insight into the importance of teamwork and effective collaboration within a company.

Jul 2023 - Jul 2024

ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, Full Stack Development, Programming Languages, Database Management, Cloud Platforms, Version Control, Real-Time Systems, User Authentication and Security, Linux, DevOps.
- **Languages:** English (Basic B2), Spanish (Native).
- **Technologies:** Next.js, Nest.js, React.js, TypeScript, MongoDB, MySQL, Google Cloud, solidity (Smart Contracts), (Dockerized Application Deployment, Artifact Registry, Google Cloud Storage), Cloudinary (Photo Management API)