Sebastian Alvarez

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Summary

I'm a dedicated Fullstack Software Engineer based in Ecuador, passionate about creating innovative solutions for Progressive Web and Mobile Applications, REST APIs, and Microservices. My recent journey has led me into the fascinating world of Artificial Intelligence, where I specialize in developing Computer Vision applications and integrating Chat GPT for intelligent conversations just for fun.

Beyond my technical endeavors, I'm also a multi-talented musician, proficient in playing guitar, bass, ukulele, and piano. I channel my creativity into crafting soul-soothing Lo-Fi music, bringing a harmonious balance to my life.

Let's connect and explore opportunities to collaborate on exciting projects!

Experience

Mid Level Software Engineer

ioet

Oct 2023 - Present (1 month)

In my current capacity as a Fullstack Developer, I'm at the forefront of a groundbreaking multinational project, where innovation meets technology. My role revolves around developing a cutting-edge web application that seamlessly integrates with advanced machine learning models to deliver unprecedented user experiences and data-driven insights for brands that want to use our services.

Junior Software Engineer

ioet

Sep 2022 - Oct 2023 (1 year 2 months)

As a Fullstack Developer, I spearhead the development of an internal payroll system, utilizing my fullstack expertise to streamline financial processes. My responsibilities encompass designing, implementing, and maintaining system components to ensure precise payroll processing.

As a Frontend Developer, I lead the charge in standardizing our development process through the creation of an internal library. This powerful resource empowers our teams to consistently build user-friendly interfaces across various projects, fostering collaboration and boosting overall efficiency.

As a Backend Developer and Test Automator, I played a pivotal role in a crucial multinational company project centered on automation, where I was responsible for creating robust automation scripts that optimize workflows, significantly improving efficiency. Additionally, I assumed a leadership role in ensuring the reliability and scalability of our microservices through consistent maintenance and optimization efforts. Furthermore, I spearheaded the implementation of integration, load, and stress tests, further fortifying our system's resilience under diverse conditions.

As a Fullstack Developer, I played a pivotal role in a critical company initiative by spearheading process automation. This involved designing and implementing innovative solutions to automate a fundamental company process, resulting in increased productivity and accuracy. I also fostered cross-functional

collaboration, working closely with diverse teams to seamlessly integrate the automated process into our workflow.

Freelance Web Developer
Profesional independiente
May 2022 - Oct 2022 (6 months)
As a Freelance Web Developer, I undertook the end-to-end development of a responsive web application tailored to efficiently manage engineering projects for students at the Universidad de las Fuerzas Armadas ESPE. Through this freelance project, I leveraged my expertise to deliver a user-friendly and comprehensive solution, enhancing the educational experience and facilitating the management of vital academic resources for the university community.

Information Technology Intern
ioet
Apr 2022 - Sep 2022 (6 months)
As an Information Technology Intern, I embarked on fullstack-oriented remote internships as a crucial step in preparing for a career in the industry, where I honed both technical and soft skills essential for international project work. These immersive experiences provided me with valuable insights and a solid foundation, setting the stage for my journey in the field.

Wordpress Development Team Lead
ProwessEC
Jan 2022 - Mar 2022 (3 months)
As a WordPress Development Team Lead, I assumed a pivotal role in overseeing and managing our e-commerce website, harnessing the power of WordPress, WooCommerce, Dokan, and an array of additional plugins. My responsibilities extended beyond conventional management, encompassing strategic planning, performance optimization, and a relentless commitment to delivering an exceptional online shopping experience. I orchestrated collaborative efforts within the team to ensure seamless integration of various functionalities, resulting in an efficient and user-friendly e-commerce platform that continually met and exceeded our business objectives.

AI Developer
Military Applications Research Center (CICTE – ESPE)
Jul 2020 - Dec 2020 (6 months)
As an AI developer, I engaged in the cutting-edge realm of computer vision, where I specialized in developing and fine-tuning complex algorithms using MATLAB. These algorithms were seamlessly integrated with Arduino microcontrollers and servo motors, showcasing my multidisciplinary expertise. Through this work, I achieved the harmonious fusion of artificial intelligence and hardware, paving the way for innovative applications that leveraged computer vision to drive real-world interactions and automation.

Contact: TCNL. Henry Cruz - 098 727 7102

Education

Universidad de las Fuerzas Armadas - ESPE

Software Engenieering
Jan 2018 - Mar 2023
Activities and societies:
- ESPE Software Club member, 2018 - 2023
- CIS – IEEE ESPE Branch member, 2018-2020

Licenses & Certifications

Award of Course Completion "Java Foundations" - Oracle

Award of Course Completion "Java Programming" - Oracle

Introducción a la Visión Artificial con Python - INGLIDEX

Aprende SCRUM - LinkedIn

Curso de Industria 4.0 - Udemy
UC-0ee5e343-766f-4790-a059-505f3ab3a275

Ciberseguridad - CompTIA Security+ Módulo 1 - Udemy
UC-610201d3-c862-4d46-b313-f93d759a912b

Google Cloud Essentials - Google Developer Student Clubs
2267142

Lifelong Learning - CertiProf International

React - La Guía Completa: Hooks Context Redux MERN +15 Apps - Udemy
UC-d6739610-c9fe-4f7c-9c64-bde3e176bc47

Skills

MERN Stack • Next.js • Postman • Terraform • GitHub • pytest • Python (Programming Language) • TypeScript • React.js • Firebase

Honors & Awards

Participation in the IEEExtreme 13.0 global competition - IEEE ESPE student branch
Oct 2019
Representation of Universidad de las Fuerzas Armadas ESPE in the IEEExtreme 13.0 world programming competition, ranking 912th worldwide and 13th in Ecuador.
Duration: 24 hours.

Participation in the Devsu Code-jam 2021 international competition - Devsu

Sep 2021

Devsu Code-jam 2021 edition, ranking 45th overall and 18th in Ecuador.

Duration: 6 hours.