Adan Bocardo Alvarez

Software developer

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🔗 My blog

Profile

A detail-oriented Senior Software Engineer and Team Leader with over 10 years of experience in full-stack development and project management. I excel in gaining the trust of stakeholders and delivering highquality projects on time and within budget. My strengths lie in full-stack development, strategic analysis, and exceptional communication skills. I am adapt at taking charge and working under pressure, while effectively delegating tasks to ensure project success. A quick learner and team player, I thrive in both collaborative and independent work environments. Key Achievements

- Successfully led and developed over 50+ projects across various domains.
- Demonstrated expertise in full-stack development, project management, and team leadership.
- Consistently received positive feedback and high ratings from clients for delivering quality work on time.

Languages

- English

Education

Master Degree of Computer Science,
Uppsala University of Switzerland
August 2012 – September 2013 | Switzerland

Bachelor Degree of Computer Science,
National Autonomous University of Mexico
September 2008 – June 2012

Professional Experience

Senior Software Engineer & Team Lead, *SmartIT*
November 2023 – present | Mexico

- Designed and developed custom software solutions for clients across various industries, including Finance, healthcare, and e-commerce.
- Utilized advanced technologies and frameworks such as Next.js, Spring Boot, Python, and Go Lang, Android to build scalable and efficient applications.
- Implemented CI/CD pipelines to streamline development processes and ensure rapid deployment of updates and features.
- Facilitated effective communication and collaboration among team members using Agile methodologies.
- Conducted regular code reviews and provided constructive feedback to maintain code quality and improve team performance.

Senior Full Stack developer, *IT-Scient*
September 2022 – November 2023 | Mexico

- Led the development of complex web applications using MERN stack, GoLang, Flask.
- Architected and implemented scalable backend solutions and optimized database performance. Worked on enhancing user experience and interface design, ensuring the applications were user-friendly and visually appealing.
- Collaborated with cross-functional teams to ensure the successful delivery of projects. Continued mentoring junior and middle developers, fostering a culture of learning and continuous improvement.

Skills

Skill	Level
Node.js	● ● ● ● ●
React	● ● ● ● ●
Vue.js	● ● ● ● ○
Angular.js	● ● ● ● ○
Svelte	● ● ● ● ○
Next.js	● ● ● ● ●
Typescript	● ● ● ● ●
Spring Boot	● ● ● ● ●
Flask	● ● ● ○ ○
Laravel	● ● ● ● ●
Codeigniter	● ● ● ● ●
C++	● ● ● ● ●
Java	● ● ● ● ●
C#	● ● ● ○ ○
Python	● ● ● ● ○

Awards

Development Grant, *Uppsala University, 2012*
Awarded for a project on improving mobile application performance through optimized data handling.

Employee of the Year, *IT Global Consulting, 2016*
Awarded for outstanding performance and contributions to key projects.

Team Lead & Project Manager, *IT-Scient*
January 2020 – September 2022 | Mexico
- Managed a team of developers, assigning tasks, and ensuring project milestones were met.
- Facilitated communication between team members and stakeholders, ensuring everyone was aligned on project goals.
- Implemented Agile methodologies to streamline project management and improve team productivity. Oversaw the development lifecycle, from planning and design to testing and deployment

Senior Backend Engineer, *IT-Scient*
August 2017 – December 2019 | Mexico
- Engineered backend services in Python for a real-time data analytics platform, processing millions of data points daily.
- Utilized C++ for performance-critical modules, ensuring low-latency data processing and transmission.
- Integrated with cloud services (AWS) to enable scalable data storage and retrieval, optimizing costs by 20%.
- Collaborated with frontend developers to ensure seamless integration of backend services, resulting in a user-friendly and performant application.

Middle Software Developer, *IT Accuracy*
February 2016 – August 2017 | Mexico
- Took on more complex coding tasks and projects, including backend development using Node.js and Express and Laravel.
- Led the development of several key features for major projects, ensuring timely delivery and high-quality code.
- Worked closely with the QA team to identify and fix bugs and performance issues. Mentored junior developers, providing guidance and support to help them grow in their roles.

Junior Software Developer, *IT Accuracy*
January 2014 – February 2016 | Mexico
- Developed and maintained web applications using JavaScript, HTML, CSS, and React.js. Assisted in the integration of RESTful APIs and improved the performance of existing systems.

- Collaborated with senior developers to understand project requirements and implement solutions. Conducted code reviews and participated in Agile Scrum meetings.

Projects

E-book & E-commerce, *Figma · Vue.js· GoLang* ⧉
Pluvicopia is here to serve the research community by publishing its most signficant discoveries sendings that advance knowledge and address some of the greatest challenges that we face as a society today. Our journals publish not only primary research but also reviews, critical comment, news and analysis.

Healthcare, *Web Design · Nest.js · Next.js · AWS* ⧉
Hello Doctors: We practice advanced, comprehensive medical care. Our patients benefit from our unparalleled medical, behavioral, and integrative expertise.

Laravel Applcation SMS OTP Integration, *Laravel · Vue.js · AWS · Project Management · Software Development · Functional Verification* ⧉
The primary goal of this project is to ensure the verification of users through a secure and reliable method via OTP code verification. So OTP code verification is necessary for protection of users. For this I created Vonage account and use PHP API because my main service project is developed by Laravel. Throught this course, I knew how to use various verification in Project authorization.

Mobile Application Development - Delivery Services,
React Native · MERN · Android(Java) · Typescript ⧉
There are a few parcel delivery services in the country that meet their customers' expectations in terms of quick delivery of packages and economical rates. Cobber is one of them. With its customer-driven approach, it is the only affordable package delivery company in the country that offers a wide range of delivery service packages. Sending and receiving your important documents and packages has never been this seamless and easy

OpenJS Foundation Members,
GoLang · Vue.js(3) · Typescript ⧉
TAFSOL Technologies is now a proud partners of
OpenJS which is an open-source foundation that
supports JavaScript and web ecosystem projects like
Node.js, Electron.js, Express.js, jQuery, NVM, and
Require.js, alongside tech giants such as Google,
Microsoft, IBM, Uber, GitHub, Red Hat, PayPal,
American Express, and GoDaddy

PWA - E-commerce, *Web Design · React.js · Typescript
· AWS · Java Spring Boot · Payment Gateway link* ⧉
Shopping for new-borns and toddlers requires
utmost care from parents. Baby Planet's aim is to help
parents and provide parents with best baby products.
All you have to do is to visit our online store, select
your favorite baby products, and they will be
delivered right to your doorstep.

Real Estate, *Vue.js · java spring boot · AWS* ⧉
Cactus Home Offer covers the closing costs, realtor
fees, and paperwork—all so you can find the deal
that works for you and your family. We handle
everything for you from start to finish while making
sure you get the most out of the sale!

Healthcare Appointment Scheduler,
Django · PostgreSQL · Redis ⧉
Create an application to manage doctor
appointments and patient queues in a clinic.
Integration of a scheduling algorithm that optimizes
doctor and patient time, notifications system for
reminding patients via SMS and email, and a
dashboard for administrative staff.

Real Estate - Agents Portal,
React.js · Nest.js · Typescript · System Design ⧉
We have organized a centralized collection of vetted
real estate agents nationwide who have agreed to pay
to give and receive referrals. 100% of the agents we
partner with have agreed to pay you 25% of their
respective real estate commissions, upon the
completion of a successful sale transaction, to any
licensed referral partner. It' s easy, just sign up, give
and receive referrals, make more money, and get
more clients.

E-Commerce ERP Integration with NetSuite,
Typescript · Netsuite · GoLang · React · AWS ⬀
I managed the financial reporting process, customized reports, and integrated NetSuite with other business systems to enhance our data flow and efficiency. I was also involved in training team members on how to use NetSuite effectively, which led to a 20% reduction in processing time for financial tasks. My experience has given me a solid understanding of how to leverage NetSuite to optimize business operations.

Real Estate Multifamily,
React, Java Spring Boot, AntDesign ⬀
Passivo REI is a proven leader in helping busy professionals like you create generational wealth through passive real estate investments. Visit us and find out how we can help you take the first step towards leaving the rat race and moving towards financial freedom and peace of mind.

Medical Image Processing Platform,
Django · Postgre SQL · Redis · AI ⬀
Develop a platform that allows radiologists to upload, view, and analyze medical images using DICOM and NIfTI standards.
Secure DICOM and NIfTI file handling, integration with AI algorithms for preliminary image analysis, and a user-friendly web interface for viewing and annotating images.

Rental site for Clothes, *Golang · React.js* ⬀
We rent it allows you to select your dream piece to rent for 4, 8,10, 20 days and get the look delivered straight to your door.

Rive Animation Integration on Next JS(freelancer.com),
Next.js · Animation(Rive) · Typescript · AWS ⬀
Implemented RIVE animation into a Next JS website before so that they can easily do it for my website. This is node moudle for this - Rive Animation Loading.

Script: import { Fit, Alignment, useRive, Layout } from "rive-react";

SaaS for Salons,
Web Design · Web Applications · SASS ⎋
Business models evolve with time, sometimes due to changes in the market and sometimes due to the advent of technology, resulting in the emergence of new and exciting trends. We at Liink closely track the startup ecosystem from across the world and support the Salons to streamlined there business operations

TCP Integration in ThinsBoard.io, *Internet of Things (IoT) · Software Architecture · Transmission Control Protocol (TCP) · Binary* ⎋
This project is to integrate Teltonika FMB920 device with the Thingsboard platform. This will involve establishing a TCP connection between the device and the platform, in order to send specific data for monitoring