Fernando Alava Zambrano

Senior Software Developer

falava@gmail.com

https://github.com/fernandoalava

About Me

I'm a senior software developer, who has been working developing delightful experiences in many sectors from mobile applications, web applications, to designing systems that scales, delivering high-quality code, through good test-driven practices, always excited to learn new things, trying to improve my self constantly, thrilled for new challenges.

I know many technologies, but I love work with Python and Django, these two amazing tools have been my main stack for many years, although I'm a very passionate person about the web, in the last years I have been using React as my main library for web development.

Education

Bachelor's Systems Analytics

ESPOL, FIEC - EDCOM

Languages

English – B2 - Intermediate Student at English House Guayaquil

Spanish Native Speaker

Skills

Python

Django

React

React Native

JavaScript

Cloud Solutions Architect Enthusiast

Postgres, Maria DB

Go

Experience

Senior Software Engineer, Frontend Developer

Intertrust Technologies, Tallinn, Estonia

7 October 2019 - Present

Working with Javascript and React, developing delightful and intuitive user experiences in the solutions platform team, helping to improve and deliver web application that helps customers to improve security, data access, and data governance.

Achievements:

I moved from Ecuador to Estonia to work for Intertrust was a big challenge, since the first day I was given the task to complete one of our main web application to allow our customers to interact with our data governance platform improving usability and experience, just in couple months we deliver this proof of concept to our one biggest clients in Japan.

Technologies used: Javascript, React, Jest, React Testing Library, Cypress.

Chief of Technological Innovation

Carro Seguro S.A, Guayaquil, Ecuador

19 December 2016 – 29 September 2019

Design and lead product development, using Amazon Web Services focused on IoT technologies. Mentoring new developers on our development stack, implement testing automation, and continuous integration.

Achievements:

Lead the digital transformation of the company by introducing new ways to develop better software solutions, promoting new services using cloud computing providers, saving costs, and resources for the company also improves the customer experience with better solutions, building the

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new roadmap for disruptive applications in the IoT sector in Ecuador.

Technologies used: Several AWS services such as Lambda, Cloud Formation, RDS Mariadb, ECS, Rekognition and others, Docker, Python, Go, React, React Native.

Chief of Technology

Almacenes Juan Eljuri, Guayaquil, Ecuador

1 August 2015 – 15 December 2016

Leaded and managed IT Department, designed and implemented IT infrastructure, software services, and develop software solutions to improves our customer services.

Achievements:

Implemented, managed IT policies for better telecommunications, ERP systems, and IT equipment that increase company productivity delivering a better experience for our retail customers.

Technologies used: Linux, VMWare, MS SQL, Java, Python, C#, Postgres.

Network and IT Infrastructure Manager

Almacenes Juan Eljuri, Guayaquil, Ecuador

1 December 2011 – 1 August 2015

Migrated company databases from MS SQL to PostgreSQL. Reduced company expenditures on software licensing.

Reorganized the backup strategy working closely with technical support and DBA teams. Maintenance and improvement of the IT and networking infrastructure of the company.

Achievements:

Restructure backups, network configurations, and servers for improves security, reliability, and scalability to the company.

Technologies used: Linux, MS SQL, Windows Server, Postgres.

Web Developer

DOMO Solutions Web & TI, Guayaquil, Ecuador

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2010 – 2011

Develop custom web solutions for several local businesses like e-commerce, educational, and others.

Achievements:

Designed, implemented, and maintained web applications using Python Django Framework to manage administrative functions in the educational sector that helped teachers with student tasks and parent's communications.

Designed and implemented paying solutions for several retail stores.

Technologies used: Python, PHP, Django, Drupal, Postgres

DBA

Almacenes Juan Eljuri, Guayaquil, Ecuador

2008 – 2010

Implemented databases, maintained, and optimization for our in-house ERP system.

Achievements:

Optimized queries, functions, and store procedures that increase database speed delivering better internal customer experience.

Technologies used: MS SQL, Postgres, MySQL

Web Developer

Amautacorp S.A, Guayaquil, Ecuador

2005 – 2008

Develop web solutions for customers and also implemented Linux servers.

Achievements:

Implemented and maintained several web applications for retail stores based on open source software saving costs for our customers.

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Technologies used: PHP, Python, Joomla, Linux, Postgres, MySQL, Django

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