German Ruiz

Software Engineer

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About

I'm a Software Engineer with more than 7 years of experience working as a full-stack web developer. I like to build apps from the ground up and I'm always eager to learn new technologies and find complex problems to solve.

Experience

Altimetrik Uruguay   April 2020 - Present

Tech Lead

Full-stack developer with focus in Python and React projects, also doing research and POC/MVPs for possible customers. Determine time estimations, resources needed and arquitecture teck stack to use in different frontend projects (e-commerce, web portals).

Worked with a team developing a MVP of a Web Portal connecting with Cisco NSO using React.
Worked with a team inside Altimetrik on a VR Demo using Unity Engine.
Implemented a Python serverless function to run on AWS Lambda.
Developed a Flask API Microservice to integrate with a customer's system as a linux container.
Headless e-commerce development using Gatsby and GraphQL connecting to CMS/Ecommerce platforms.

Altimetrik Uruguay   October 2015 - April 2020

Lead Software Developer

Worked in lots of projects within Salesforce Service Cloud. The main focus was to develop apps that connect the customers with Social Networks and Mobile Platforms. The two main projects were "LiveMessage" and "Surveys for SCS and LiveMessage". Both of these projects packages are listed in Salesforce AppExchange.

Worked on projects directly with Service Cloud teams and different product owners.
Used Apex / Visualforce / Lightning Components.
Used Heroku, Postgress, Redis and Apache Kafka to develop a middleware/API in Java.
Integrations with Social Networks APIs (Twitter, Facebook, Google).
Integrations with mobiles messenger apps (Wechat, Line, Telegram, Apple Business Chat).
Developed a Salesforce package called "Surveys for SCS and LiveMessage".
The package is used by companies like KLM, AirAsia, Shopee, Bank Of America and has generated more than 5M surveys by mid 2020.
Integration with Reddit's API by developing a Django Rest API in Heroku.

Developed a Salesforce package that allows users to interact with a Reddit account.

Altimetrik Uruguay
October 2014 - October 2015

Salesforce Developer

Worked in a project for Hospital Housekeeping Systems (HHS) as a Salesforce developer. The customer used Salesforce.com internally to keep several business data and processes streamlined and automated. My team main tasks were to enhance their system functionalities.

Worked with the Salesforce CRM Platform.
Used Apex and Visualforce Salesforce technologies.

Tata Consultancy Services
June 2013 - October 2014
.Net Developer

Development and maintenance of web/desktop applications using the ASP.Net Framework for American Express.

Worked with ASP.NET Web Forms and MVC Frameworks.
Used Windows Presentation Foundation (WPF) to develop an internal TCS desktop application.

Education

Facultad de Ingeniería (UdelaR)
2008 - 2017

Bachelor in Computer Science (BCS) - Ingeniero en Computación
Computer Engineering

Publications

Optimización evolutiva del tráfico urbano y las emisiones vehiculares in Programación Matemática y Software, 29 February 2016

Skills

Programming Languages

Python   Javascript / Typescript   Java / Apex   HTML & CSS   SQL   C#
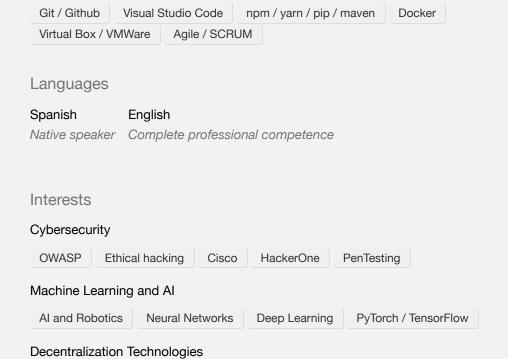C / C++   Ruby

Web Development

Django / Flask   Node / React (CRA, Gatsby)   ASP.NET MVC   Spark Java
Ruby on Rails

Cloud, Servers and Databases

Salesforce / Heroku / AWS Lambda / Netlify   Linux (Nginx / Apache)
PostgreSQL / MySQL / Microsoft SQL Server   Redis / Apache Kafka

Tools and Others

Git / Github   Visual Studio Code   npm / yarn / pip / maven   Docker

Virtual Box / VMWare   Agile / SCRUM

Languages

Spanish   **English**

Native speaker   *Complete professional competence*

Interests

Cybersecurity

OWASP   Ethical hacking   Cisco   HackerOne   PenTesting

Machine Learning and AI

AI and Robotics   Neural Networks   Deep Learning   PyTorch / TensorFlow

Decentralization Technologies

Internet and the Web   Blockchain   Privacy   Energy