Guido **Santillan**

FULL-STACK WEB DEVELOPER · MECHATRONICS ENGINEER · TECH ENTHUSIAST

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Date of Birth: 28.12.1992   Nationality: Ecuadorian   Marital Status: Single

Summary

Junior Web Developer experienced in all stages of the software development cycle. Good understanding of web-related technologies like HTML5, CSS3, JS, GIT, REST, and hands-on experience developing web applications using React, Redux, Node, Express, and PostgreSQL. A fast learner and hard-working individual who adapts quickly to assess an organization's needs. Actively looking forward to expanding his knowledge, improve his skills, and obtain relevant experience in the IT industry to help create world-changing solutions.

Projects

Expofranquicias Ecuador
Quito, Ecuador

ECUAFRANQUICIAS, HEAD OF THE PROJECT
April 2019 - present

- Expofranquicias is a web application where users can search for available Latinamerican franchises based on its budget, country of origin and categories through an intuitive UI. Progressive Web App functionality is also available.
- Uses GatsbyJS, GraphQL and a headless CMS as a source for the data.
- Ongoing project hosted on *Netlify*.

Syder Ideas
Quito, Ecuador

INDEPENDENT DEVELOPER
January 2019 - present

- Syder Ideas is a web application where users you can store their ideas in an intuitive and systems-based way.
- Uses ReactJS, NodeJS, Express and a PostgreSQL database. Hosted on Heroku.
- Authentication and authorization scheme designed using JWTs and Passport.
- Ongoing open source project hosted on *Github*.

Experience

Project Manager
Quito, Ecuador

ECUAFRANQUICIAS
Oct 2016 - present

- Automation of multiple internal processes using office automation tools and Excel to reduce in half the time needed to deliver the product to our clients while simultaneously detecting errors in the development stage and giving employees more autonomy to develop their daily tasks.
- While the processes automation improved a lot of things, it was not enough to maximize the performance of the employees, a system was needed. This system will use modern web technologies to gather, store, and manage information in an accessible way for our employees via the internet.
- Documentation of the operative and administrative processes of our clients.
- Implementation of email marketing campaigns using MailChimp to approximately 3000+ subscribers.
- An SEO strategy was put in place to improve local search results, it helped us reach the first positions in Google. This strategy consisted of a webpage redesign, webpage optimization, keyword research and analysis, content creation, webpage analytics.

Web Developer
Quito, Ecuador

INDEPENDENT WORK
June 2017 - present

- Performed website design and development for clients in diverse fields such as consulting, non-profit organizations, and law firms using various CMS.
- Websites were designed with a focus on achieving maximum performance, faster loading times, mobile-friendly and optimized for SEO purposes.

Research and Teaching Assistant of Computer-aided Design, Manufacture and Engineering subject (CAD/CAM/CAE)

Quito, Ecuador

DEPARTMENT OF ENERGY AND MECHANIC SCIENCES - ESPE

Nov. 2015 – Feb. 2016

- Modeling, analysis, and manufacture of a vehicle-based RIN.
- Elaboration of processes sheets, strain simulation and post-processing of the manufacturing operations.
- Design and development of mobile robots using 3D printing and laser cutting techniques.

Education

International Exchange Student

Brandenburg an der Havel, Germany

TECHNISCHE HOCHSCHULE BRANDENBURG

March - Sept. 2016

- Development of thesis project *"Implementation of HIL/SIL simulation techniques for real-time tests of vehicle models using the DSPACE platform"*. GPA: A-
- System modelling | Vehicle dynamics | Embedded systems

Bachelor of Science (B.Sc.), in Mechatronics Engineering

Quito, Ecuador

ARMY FORCES UNIVERSITY - ESPE

Apr. 2011 - Feb. 2016

- GPA: 17.43/20
- Industrial Robotics | Mechatronic Automation | CAD/CAM/CAE

Skills

LANGUAGES:

Spanish	Native
English	Fluent - Sufficiency in English Certificate completed at ESPE
German	Basic - A1 completed at Technische Hochschule Brandenburg - Germany

PROGRAMMING EXPERIENCE:

Main languages	Javascript, Python
Web development	HTML, CSS, SCSS, Bulma, GIT, Webpack, eslint, prettier, Postman
Frontend	ReactJS, Redux, React-Router, GatsbyJS
Backend	NodeJS, Express, REST, GraphQL
Testing	Unit and integration tests using Jest, testing-library, enzyme
Databases	PostgreSQL
Dev Ops	Travis CI, Docker
Hosting	Netlify, Heroku
CMS	Wordpress
Others	Pandas, Arduino, Processing, LaTeX
Machine Learning	Pytorch, Jupyter
Basic experience	C, C++, Java, redis, AWS Elastic Beanstalk, Prisma, cypress

OTHER:

Media	Adobe Indesign, Adobe Illustrator, Sony Vegas
Digital Marketing	Search Engine Optimization, Google Analytics, Google Search Console, Email Marketing
CAD/CAM/CAE	SolidWorks, AutoCAD 2D/3D, Siemens NX
Others	Matlab/Simulink, LabVIEW, Proteus, Multisim

Honors & Awards

2016	**Honorable Mention**, Awarded by the *Army Forces University's* principal	*Quito, Ecuador*
2016	**Winner**, EXPOINDUSTRIAL 2016 Mechatronics Competition – FESTO CHALLENGE	*Quito, Ecuador*
2016	**High Performance Scholarship**, Awarded by the *Army Forces University* to develop research projects in Germany	*Quito, Ecuador*