Guido **Santillán**

Full-Stack Web Developer · Mechatronics Engineer · Tech enthusiast

N71-38 John F. Kennedy, Pablo Picasso, Quito, 170301, Ecuador

☐ (+593) 98 747 3691 GMT-5 | ✉ info@guidosantillan.com | ⌂ www.guidosantillan.com |
 guidosantillan01 | in guido92 | ⊠ Guido_Santillan

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 such as HTML, CSS, Javascript, Git, REST. Hands-on experience developing web applications using React, 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 my knowledge, improve my skills and obtain relevant experience in the IT industry in order to help create world-changing solutions.

Projects

Syder Ideas
Independent Developer

Quito, Ecuador
January 2019

- Syder Ideas is a web application which you can store your side-project ideas in an intuitive and systems-based way.
- Front-end developed in React. Back-end uses NodeJS and Express. It is hosted on Heroku.
- Stores all data in a PostgreSQL database.
- Designed authentication and authorization scheme with Auth-0 JWTs and Passport.
- Ongoing open source project hosted on GitHub.

Experience

Project Manager
Ecuafranquicias

Quito, Ecuador
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
Independent Work

Quito, Ecuador
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)
Department of Energy and Mechanic Sciences - ESPE

Quito, Ecuador
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.

Undergraduate Researcher, Manufacturing Processes Lab.
ARMY FORCES UNIVERSITY - ESPE

Quito, Ecuador.
Jan. 2015 - Mar. 2015

- Design and development of mobile robots using 3D printing and laser cutting techniques.

Education

International Exchange Student
TECHNISCHE HOCHSCHULE BRANDENBURG

Brandenburg an der Havel, Germany
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
ARMY FORCES UNIVERSITY - ESPE

Quito, Ecuador
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:

Web development	HTML, CSS, SCSS, Bulma, Javascript, GIT, Webpack, eslint, prettier, Postman
Frontend	React, Redux, React-Router, GatsbyJS
Backend	NodeJS, Express
Testing	Jest, Enzyme
Databases	PostgreSQL
Hosting	Netlify, Heroku
CMS	Wordpress
Machine Learning	Pytorch, Jupyter
Others	Python, Pandas, Arduino, Processing, LaTeX
Basic experience	C, C++, Java

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
Mathematical Analysis	Matlab/Simulink, LabVIEW
Electronic Design	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*