Jacobo Jaramillo

Software Engineer
MSc. Electrical Engineering & IT

CONTACT

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📍 Manizales, Colombia

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PERSONAL PROFILE

Experienced electronics engineer with 7+ years of experience in engineering, including 4+ years in software development. Proficient full-stack developer with a focus on TypeScript, offering a versatile background in different sectors and a proven ability to drive innovation and deliver effective solutions in the dynamic world of technology.

SKILLS

Proficient with Vue.js React.js
TypeScript JavaScript Node.js

Experienced with Express.js
REST GraphQL CSS Apollo GQL
Redux Jest HTML CI/CD
GIT Azure Serverless

Worked with Kubernetes
Docker Python C++ MySQL
Redis React Native MongoDB
Flask PostgreSQL Data science

LANGUAGES

Spanish Native

English Proficient (C1/C2)

German Independent (B1/B2)

French Basic (A2)

WORK EXPERIENCE

Sep 2020 **Software Engineer**
Present Device Insight - Munich, Germany / Remote
- Develop several IoT applications.
- Typescript, Node.js, GraphQL, Vue.js, React.js, Docker, Express.js, Serverless, Testing, CI/CD, Azure.

Feb 2020 **Backend JavaScript Developer**
Aug 2020 European Computer Telecoms - Munich, Germany
- Develop Telecom added-value services (back-end).
- Refactor legacy code (Java & JavaScript) in Typescript.
- TypeScript, JavaScript, Postgres, design patterns.

May 2019 **Master Thesis Researcher**
Dec 2019 Schneider Electric - Ratingen, Germany
- Develop a machine failure detection system in Python.
- Develop a web application to visualize data and run analytics in real-time.
- JavaScript, TypeScript, Python, Node.js, Flask, Angular 2+, MongoDB, InfluxDB, Scikit-learn, Pandas, NumPy, Docker.

Sep 2018 **Intern**
Mar 2019 Schneider Electric - Ratingen, Germany
- Test thermal monitoring systems.
- Detect anomalies using machine learning in Python.
- Develop a web application to interact with the data and predictions.
- JavaScript, Python, Node.js, HTML, CSS, React.js, Bootstrap jQuery, Scikit-learn, Pandas, Docker, Azure.

May 2016 **Field Service Engineer**
Sep 2017 Jorge E. Jaramillo S.A.S. - Manizales, Colombia
- Design Wiring diagrams.
- Write technical manuals.
- Program weight indicators and control devices.
- Lua, Visual Basic .NET, SQLite.

Dec 2015 **Maintenance Coordinator**
May 2016 C.I. Súper de Alimentos - Manizales, Colombia
- Technical support for all packaging lines.
- Plan electrical and mechanical maintenance.
- Continuous relationship with contractors.

EDUCATION

Oct 2017 **MSc. Electrical Engineering and IT**
Mar 2020 Hochschule Darmstadt
Darmstadt, Germany

Jan 2016 **Postgraduate Diploma, Project Management**
Nov 2016 Universidad Nacional de Colombia
Manizales, Colombia

Jul 2010 **Engineer's Degree, Electronic Engineering**
Aug 2015 Universidad Nacional de Colombia
Manizales, Colombia

HOBBIES & INTERESTS

Playing tennis | Reading | Woodworking | Gaming | Movies