

Juan D Rodriguez

Solutions Architect

jd.rodriguez.or@gmail.com | (616) 278-8916 | Grand Rapids, MI | linkedin.com/in/juandavid-rodriguez

Self-starter and dynamic Solutions Engineer with 7+ years of experience in business ops and product development. Proficient in JavaScript, APIs, Python, and React, and committed to staying updated in the ever-evolving tech landscape. My journey from entrepreneurship to technical proficiency equips me with a holistic outlook to drive transformative change.

Tools/Skills

- Javascript | Typescript | Python | ReactJs | NodeJs | Git & Github | Jest | Unit Testing
- Software development life cycle | Data structures and algorithms | Understanding of OOP concepts | Basic C++ & Java knowledge

Work

Career Coach

Sparta Area Schools Adult Education, Grand Rapids, MI
09/2019 – Present

- **Solutions Delivery:** Collaborated with educators, leading English classes and Career Coaching that drove English proficiency in 100+ students. Leveraged comprehensive assessment systems to monitor progress, devising tailored strategies to minimize student dropouts.
- **Cross-Cultural Empowerment:** Mastered cross-cultural communication, effectively conveying complex concepts. Boosted students' confidence in real-life scenarios, resulting in improved learning outcomes and reduced dropout rates by 65%.
- **Tailored Strategies:** Applied adaptable strategies in education, ensuring student success through personalized approaches and aligning their progress with real-world demands.

Business Architect

BlueWood, Grand Rapids, MI
09/2017 – 12/2022

- **Concept-to-Conversion Excellence:** oversaw end-to-end workflows, converting client ideas into tangible visual concepts using Blender 3D. Optimized lead-to-sale conversion rates through innovative solutions.
- **Strategic Market Positioning:** Employed Google Trends and Google Analytics for insightful market research, propelling the business towards sustainable and lucrative sectors.
- **Precision Marketing Campaigns:** Executed marketing campaigns on Facebook and Instagram with precision targeting ads, sparking an astounding 1500% surge in brand awareness.
- **Strategic Woodworking Success:** developed a woodworking e-commerce venture, defining business plans and crafting strategies that consistently generated 20 leads and 5 customers monthly.

Software Engineer

Structures Laboratory, Universidad Nacional de Colombia – Bogotá, Colombia
09/2015 – 04/ 2017

- **Innovative Systems Architect:** Crafted and developed seismic systems for academic research, integrating NI-DAQ embedded processors and Dataflow Framework within a Labview interface. Engineered real-time data systems for comprehensive structural simulations.
- **Technology Analyst:** Conducted extensive market research, evaluating third-party solutions against in-house development options. My insights led to a pivotal 65% reduction in school expenditure.
- **Holistic Problem Solver:** Efficaciously grasped the requirements of each project, skillfully conceiving solutions aligned with available technology and resources.
- **Key Accomplishments:** Demonstrated adeptness in understanding project needs, designing bespoke solutions, and meticulously planning to achieve targeted goals.

Expertise

- Market Research & Analysis
- Attention to Detail
- Project Multitasking
- Strategic Planning
- Business Forecasting
- Social Media Marketing
- Project Development

Education

General Business Coursework
GRCC-Western
Michigan University,
Grand Rapids, MI
06/ 2020

B.S. Mechatronic Engineering
Universidad Nacional
de Colombia, Bogotá,
Colombia
09/2015

Certifications

Career Coach Training 2021
Thompson Technical
Education Center,
Grand Rapids, MI.

Volunteer Experience

North Country Trail Association
Trail Builder,
2018-2019

Habitat For Humanity
Builder Assistant,
2016-2017