JUAN PABLO DUQUE

BSC. COMPUTER SCIENCE | CIVIL ENG | MBA | MPM

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ABOUT

Software Developer with a fresh start in engineering, backed by over 10 years of experience as an entrepreneur, business developer, and project manager. Driven by curiosity and a continuous desire to learn, I excel at setting and achieving ambitious goals while discovering innovative solutions. My strategic thinking thrives in challenging environments, and I am passionate about technology, innovation, investments.

EXPERIENCE

2023 – Present
IT Business Developer | Aliado IT | Colombia | part-time
- Lead the company to grow consistently and expand the IT services portfolio.

Aug – Nov 2022
Entrepreneur in residence – tech intern | Ealax | UK (remote)
(Financial crime analytics early-stage startup)
- Participated in creating a Proof-of-concept for UK Banks.
- Obtained from the UK government 180,000 GBP in 2 innovation grants.
- Led the team's participation in Activate's startup accelerator program, which landed the first investment deal.

2011 – 2020
Entrepreneur | Ecodek | Colombia
(Circular building materials startup)
- Obtained funding of 225,000 USD to get the business up and running.
- Served instrumental role in the development, and successful sale of the company.

2011 – Present
Business development advisor | Skudmart | Colombia
(Chemical products)
- Assisted the development of the company's strategy and new business units, which led to its successful turnaround and continued growth.

2010 – Present
Manager / Project manager | Siete Ingenieria | Colombia
(Heavy machinery and construction services)
- Organized budgets, oversaw P&Ls, and achieved margin targets consistently to stay on track with growth plans.
- Streamlined office operations through digital transformation, significantly improving administrative and machinery maintenance processes, such as a heavy machinery maintenance information system and an automated payroll verification report with Microsoft Excel.

PERSONAL PROJECTS (GITHUB.COM/JUANPABLODUQUEO)

- Financial services website - stock data and currency conversion (under implementation) using Python and Flask. (https://juanpabloduqueo.pythonanywhere.com/)

- Human Resources Chatbot (using OpenAI API) that generates a JSON formatted CV based on an informal conversation with the user.

- Top-N Neural Network for Music Genre Classification using Librosa, Tensorflow (https://github.com/juanpabloduqueo/CS467-Neural-Net-Classification)

EDUCATION

Oregon State University (USA)
BSc. Computer Science
August 2024

EAFIT University (Colombia)
Master's in Project Management
2015

EAFIT University (Colombia)
MBA
2011

EIA University (Colombia)
Civil Engineering
2006

SKILLS

- **Project Management**
- **Project Evaluation**
- **Entrepreneurship**
- **Software Development**

LANGUAGES

- **Spanish** (Native)
- **English** (Professional C1)
- **German** (Intermediate B2)

CITIZENSHIP

- **Spain**
- **Colombia**

10/08/2024