



# Diego Arbelaez


Mechatronic Engineer – Power BI Developer - Full Stack Developer

+18 years of experience in the manufacturing process. Involved in logistics, project management, process automation, maintenance management and execution, cost management, environmental, training development, quality assurance, industrial hygiene and safety and software development.

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 <https://codeanalyticshub.com>

## WORK EXPERIENCE

### Mechanical Maintenance

Edwin B Stimpson Company Inc – Pompano Beach – United States

07/2023 – 04/2024

- Ensures operation of production machinery by completing preventive and corrective maintenance

### Freelance

Full Stack Developer – Data Analysis - Remote

01/2022 – Present

- Creating web projects using HTML, CSS, JavaScript, React JS, NodeJS, Express, MySQL, MongoDB.
- Creating apps with PowerApps.
- Creating dashboards reports using Power BI.

### Process Leader

P&G - Procter & Gamble – Medellin - Colombia

06/2004 – 06/2022

- **Logistic Leader:** production execution in SAP enterprise including materials requested, inventory, orders confirmations, and all tasks for the manufacturing process.
- **Mechanic maintenance:** execute preventive, corrective, and predictive maintenance in manufacturing machines.
- **Power Control & Information Systems Leader:** maintenance management for a specific area in all systems related to electrical, control, and information systems.
- **Quality Assurance Leader:** enforce Quality Systems in a specific area according to the internal Key Element Assessment of quality.
- **Materials Leader:** responsible for all materials in the plant in partnership with the planning service center located in Costa Rica to guarantee inventory, returns, and non-product inventory for production execution.
- **Project Management Leader:** responsible for starting projects in different areas of the plant focused on the manufacturing process, automation, and overhauling of machinery following internal methodologies for project execution.
- **Environmental & Industrial Hygiene and Safety Leader:** lead, implement, and improve both programs meeting all Key Elements Assessment defined for the company.
- **Digital Developer Leader:** responsible for development applications in Power Apps with dashboards in Power BI, and some flows in Power Automate according to business needs.

## PROGRAMMING PROJECTS

Dashboard Medellin Plant Hub – P&G – Medellin – Colombia

06/2019 – 06/2022

- Development of a system to record data, data cleaning, data analysis and a dashboard using Power Apps, SharePoint, and Power BI.
- 30% cost reduction, 50% touches eliminated, 60%-time reduction to data analysis every month to scorecards reports, 50%-time reduction to record data, and capability increases in digitalization.

Ecommerce website – Final Project Digital House Certificate – Medellin – Colombia

01/2022 – 09/2022

- Ecommerce created using HTML, CSS, JavaScript, MySQL, ExpressJS, NodeJS, EJS, Sequelize, ReactJS.

Arepas Diana website – Arepas Diana LLC – United States – FL

10/2023

- Website to show all information related with the company products using ReactJS, Bootstrap.

## EDUCATION

### Mechatronic Technologist

Institucion Universitaria Pascual Bravo – Colombia

01/2001 – 08/2005

### Mechatronic Engineer

Instituto Tecnologico Metropolitano - Colombia

01/2016 – 04/2019

### Full Stack Developer

Digital House - Colombia

01/2022 – 08/2022

## LANGUAGES

Spanish 

English 

## TECHNICAL SKILLS

Power BI

Power Automate

Power Apps

SharePoint

Microsoft Project

Microsoft Office

Project Management

Maintenance Execution

Maintenance Management

Cost Management

Quality Assurance

Environmental Management

Industrial Hygiene & Safety Management

Logistics

SAP

Solid Edge

Autocad

Electricity

PLC Programming

Training Development

HTML

CSS

JavaScript

React JS

NodeJS

Express

MySQL

Mongo DB

GIT

Scrum

## SOFT SKILLS

Leadership

Teamwork

Problem-solving

Analytical

Innovation

Flexibility

## HOBBIES

 Programming

 Chess

 Study

 Music