

# PAULO FERRO | Developer

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FULL WORK RIGHTS

## PROFESSIONAL PROFILE

I am an Industrial Engineer and self-taught computer programmer with skills in front-end and back-end development. In 2020, I have made the decision of changing from the manufacturing industry to software development in to have a deeper approach towards IoT (Internet of Things) and Industry 4.0 trends. Since then, I have seeking to continuously learn and improve my skills in areas and technologies such as software development, user interface development, RESTFUL apis, cloud services, IoT and cybersecurity.

## MAIN EXPERIENCE AND STRENGTHS

- Strong experience in project/program management with multifunctional teams.
- Strong knowledge to identify potential process improvements on the production floor.
- Strong problem-solving and analytical skills, using reverse engineering, quality control tools and statistical methods.
- Advanced computer skills, including Microsoft Excel, Microsoft Project, computer programming (Python and JavaScript), and automation systems programing.
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## MAIN SKILLS

- Frameworks, React JS, React Native, Apollo-Client.
- Web Development, HTML, CSS, SASS, Figma.
- Libraries, Bootstrap, Material UI, Segment UI.
- Back-end development, NodeJS, Express, NodeRED.
- REST APIs, GraphQL.
- Databases, NoSQL, MongoDB, DynamoDB, SQL, MySQL.
- Cloud Computing, AWS Services, AWS Amplify, AWS Lambda, AWS Route53, AWS RDS.
- Computer Programming, JavaScript, C++, Python.
- Fluent English | Native Portuguese.

## QUALIFICATION

- Greenwich Business College, Sydney, NSW, Australia – Advanced Diploma in Program Management, from 2018 to 2019
- Greenwich Business School, Sydney, NSW, Australia - Diploma in Project Management, from 2017 to 2018;
- Greenwich Business School, Sydney, NSW, Australia - Certificate IV in Project Management, from 2016 to 2017;
- Master in Business Administration (MBA), Fortaleza, CE, Brazil – FUNDAÇÃO GETULIO VARGAS (FGV), from 2012 to 2014;
- Production Engineering, Fortaleza, CE, Brazil – UNIVERSIDADE DE FORTALEZA (UNIFOR), from 2005 to 2011;

## PROFESSIONAL EXPERIENCE

- TRANS TASMAN BUSINESS CIRCLE, Sydney, NSW, Australia | | website: <https://buscircle.com/>

*Australian company that promotes business events between public and private sectors.*

**Data Analytics Advisor, Jul/2020 to Dec/2020 (6 months, casual)**

Responsible for analysing the company's database, developing Data Analytics processes, including customer segmentation (clustering), product/service recommendations based on customer data, research and analysis of technological trends applied to businesses.

- COSS CONSULTING, Sao Carlos, SP, Brazil | | website: [www.cossconsulting.com/index.php/en](http://www.cossconsulting.com/index.php/en)

*Consulting/Software Development Company with emphasis in Industry 4.0 solutions.*

**Business Advisor, Jan/2017 to Jan/2019 (2 years, casual, remote)**

Responsible researching trends related to Industry 4.0 applied to manufacturing and supply-chain, visiting global benchmark companies (e.g., Airbus/Hamburg-Germany, Mercedes-Benz/Stuttgart-Germany, Volkswagen/Wolfsburg-Germany), writing reports, participating in solution design processes, and designing user interfaces.

- METALMECANICA MAIA, Eusebio, CE, Brazil | | website: [www.mmaia.com.br](http://www.mmaia.com.br)

*Supplier of automotive parts for Ford Motor Company – Troller division* | **Process Engineering and Quality Control**

**Coordinator, Aug/2014 to Jan/2016 (1 year and 5 months, full-time)** | Responsible for coordinating the Process/Production Engineering and Quality Control/Assurance teams.

- DURAMETAL S.A, Maracanaú, CE, Brazil | | website: [https://www.cieautomotive.com/en\\_US/-/cie-durametal](https://www.cieautomotive.com/en_US/-/cie-durametal)

*Mercedes-Benz, Scania, Volvo and Man supplier of braking systems (drums, discs and wheel hubs).*

**Process Engineer, Oct/2011 to Jul/2014 (2 years and 9 months, full-time)** | Responsible for designing, implementing, validating, and optimizing production systems and products in the machining department.

- ESMALTECS.A, Maracanaú, CE, Brazil | | website: <https://www.esmaltec.com.br> | *Home appliances manufacturer (refrigerators, fridges, ovens, washing machines)* | **Process Engineering Analyst, Oct/2007 to Oct/2011 (4 years, full-time)** |

Responsible for production line optimizations and designing production systems for new products.

## REFERENCES

- Ms Tracy Jennings – COO Trans Tasman Business Circle (AU): +61 404 008 420 (mobile)
- Mr Luis Carlos Collela – CEO Coss Consulting (BR): +55 11 99348-9574 (mobile)