

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 my focus from the manufacturing industry to software development, aiming to better accommodate the global changes that IoT (Internet of Things) and Industry 4.0 are bringing to our technological architecture. Since then, I have seeking to continuously upgrade my skills in areas such as software development, user interface development, data science, cloud services, IoT and cybersecurity.

MAIN EXPERIENCE AND STRENGTHS

- Strong experience in project/program management with multifunctional teams.
- Strong knowledge to identify potential improvements in business processes and quality management systems.
- Strong problem-solving and analytical skills, using reverse engineering, quality control tools and statistical methods.
- Good communication skills and ease to build interpersonal relationships.
- Advanced computer skills, including computer programming, Microsoft Excel, Microsoft Project, notions of computer networks, data science, and industrial automation systems.

MAIN SKILLS

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

QUALIFICATION

- IBM Cognitive Class, Online – **Data Analysis with Python**, 2020.
- IBM Cognitive Class, Online – **Databases and SQL for Data Science**, 2020.
- 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;
- FUNDAÇÃO GETULIO VARGAS (FGV), Fortaleza, CE, Brazil – **Master in Business Administration (MBA) in Corporate Administration**, from 2012 to 2014;
- UNIVERSIDADE DE FORTALEZA (UNIFOR), Fortaleza, CE, Brazil – **Production (Industrial) Engineering**, 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 customer segmentation (clustering) processes, 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

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

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

Responsible for designing user interface for HMI equipment and supervisory systems, 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 architecture design.

METALMECANICA MAIA, Eusebio, CE, Brazil | | website: 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 managing the Process/Production Engineering and Quality Control teams and ISO 9001 Certification.

- DURAMETAL S.A, Maracanau, CE, Brazil | | website: 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 lines and products (braking systems) for multinational automotive truck industries.

- ESMALTEC S.A, Maracanau, 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 New Product Development (NPD) and production line optimization.

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)