Flavia Tavares

SOFTWARE ENGINEER

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EXPERIENCE

Operational Excellence Engineer | FGF Brands
APR 2022 – JUN 2023, TORONTO, ON

- Developed Excel file with VBA automation with web-like functionality and Power BI dashboards catering to diverse teams
- Build business requirements and implemented applications and websites across 10 facilities leveraging Azure DevOps for bug tracking
- Delivered 8 impactful projects by taking charge of data collection, analysis, and implementation efforts

Jr Quality Engineering Specialist | Stackpole International
JAN 2021 – SEPT 2021, MISSISSAUGA, ON

- Conducted RCA of non-conformities and provided CAPA recommendations
- Evaluated new product introductions using capability analysis
- Responded to internal and external data requests through sense-making of data and demonstrated the impact of changes in the process through visualization

Jr Quality Engineering Specialist Co-op | Stackpole International
JUL 2020 – DEC 2020, MISSISSAUGA, ON

- Gathered, recorded, and cleaned data using Excel and JMP software
- Produced weekly trend analysis reports for 50+ process variables
- Performed audits to ensure regulatory and quality compliance

Production Supervisor Trainee | BRF Brasil Foods S.A.
FEB 2017 – FEB 2018, VITORIA DE SANTO ANTAO, BRAZIL

- Led projects that promoted direct cost reduction and process improvement delivering $3 million profit increment to the business
- Managed overall productivity of a 3-shifts production line increasing it by 8.6% in less than 3 months

PROJECTS

KPI Trek | BrainStation   React | Chart.js | Node.js | Express.js | OAuth
Ticket system and KPI management system

CommuteCast | BrainStation   HTML5 | CSS | JavaScript

A site that recommends podcasts based on the duration of your commute

SKILLS

HTML5, CSS, JavaScript, Node.js, OAuth, MySQL, Jest, Enzyme, Heroku, GitHub, WebPack, Python, VBA, Power BI, Tableau

PROFILE

With strong analytical skills developed through 3+ years in the manufacturing industry, I was inspired to transition into software engineering after experiencing the power of coding. I have utilized coding and analytics tools to deliver effective solutions for complex business challenges. To expand my knowledge and make a broader impact, I decided to pursue software engineering to continue building transformative applications. Eager to contribute my diverse skill set and drive for excellence to a dynamic software engineering role.

EDUCATION

Diploma, Software Engineering
BrainStation
JUN 2023 - SEPT 2023, TORONTO, ON

Certificate, Analytics for Business Decision Making
George Brown College
JAN 2021 - SEPT 2021, TORONTO, ON

Certificate, Manufacturing Management
Sheridan College
SEP 2019 – AUG 2020, BRAMPTON, ON

Bachelor, Chemical Engineering
Federal University of Pernambuco
JAN 2012 – DEC 2018, RECIFE, BRAZIL