**LEONARDO BOYER - MASTER RESUME**

Great Toronto, Ontario

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**SKILLS**

Python, Node.js, Nuxt.js, React.js, React Native.js, JavaScript,Express.js, ECMAScript 6, RESTful, Mongoose, MongoDB, SQL, MySQL, AWS-DynamoDB, AWS-Lambda, AWS-S3, Nginx, HTML, CSS, Apollo GraphQL, iOS, AndroidTV, Android, Web, Webpack, Redux, Terraform CD-CI, AWS-Lambda, AWS-S3, AWS-DynamoDB , Agile, SCRUM, Jira, 5S principles, auditing, visual management standards, CNC lathes, milling machines, grinders, SPMs, process and tooling improvements , C/C++, C, C++, Predictive maintenance planning for multi trade repairs, Electrical infrastructure installation, Electrical assessment, Python (ETL, data migration), Python (PyMongo, Panda libraries), hardware layer (ESP8266, real-time data acquisition., ARM Microcontroller), SNMP, Nagios, GSM, MySQL, SCADA, PLC, ,I2C, UART, CAN Bus ,  Process improvement, Vendor management, Data analysis, Audit scheduling and improvement, Safety protocols ,Electromechanical network for Data Center, Integration system for employee management, monitoring system for environmental variables, financial manager integration with SAP , Project Management (PM principles), Web service design, Object-Oriented programming languages, SCM with various version control systems like GitHub.

**WORK HISTORY**

**Lean subject Matter Expert**

Jhonson Electronic | Canada ( Ancaster, Ontario) January 2024 – January 2025

* Initiated and managed lean manufacturing projects, leading meetings to ensure adherence to timelines. As a result, 33,206 square feet of shop floor walls were cleaned, 70% of light fixtures were replaced on the shop floor, six 200-ton CINCINNATI compacting presses were cleaned, one 200-ton CINCINNATI coining press was cleaned, four 36-inch-long sinter furnaces were cleaned, and seven new racks were installed on the shop floor.
* Responsible for developing Lean audits and scheduling, along with improving the auditing system, resulting in 89 audits being conducted.
* Developed visual management standards by defining, modifying, and maintaining Lean procedures and 5S standards, updating three standards in the process.
* Understood the leak repair system and coached employees, accordingly, following up on 74 leak work orders until completion.
* Worked with vendors on projects, obtained quotes, and submitted purchase orders. Successfully had a new rack quote approved, three wall-side quotes approved, a 7,000 CAD steamer and vacuum machine procured, four quotes for outsourcing electrical installation approved, and three quotes for light fixture replacement approved.

**Set-Up**

Jhonson Electronic | Canada ( Ancaster, Ontario) October 2023 – January 2024

* Tracks data associated with production equipment and reports any inconsistencies, ensuring optimal performance and minimizing downtime.
* Writes and/or modifies CNC programs for lathes, milling machines, and grinders, improving machining efficiency and accuracy.
* Sets up CNC lathes, milling machines, grinders, and SPMs based on process specifications, resulting in a 30% increase in production speed.
* Analyzes “out of tolerance" conditions and adjusts via offsets, reducing defect rates by 15%.
* Reads and interprets CMM reports, ensuring adherence to quality standards.
* Identifies, selects, and prepares tooling, enhances tool life and reducing costs by 15%.
* Implemented process and tooling improvements for cost reduction programs, including analyzed tool wear and modifyed programs to improve tooling costs, achieving a 12% reduction in tooling expenses.

**Production Associate**

Jhonson Electronic | Canada ( Ancaster, Ontario) August 2023 - October 2023

* Proficiently identified and discerned intermittent or persistent process defects, encompassing burrs, chips, and cracks. Effectively communicated these instances of non-conformance to the Team Leader and Q.A. department.
* Skillfully interpreted process sheets and SWI's, while adeptly adhering to traceability tag protocols.
* Vigilantly recognized and promptly reported safety hazards, including oil and water spills, to ensure a secure work environment.

**Senior Software Engineer**

Warner Brothers | Georgia Atlanta - remote April 2022 - August 2023

* Created applications to delivery sport content to ends user on different screens : Tozen, iOS, AndroidTV, Android and Web . Collaborated in the creation of TNT sport, keeping the benefits of Stadium TNT (React.js,typescript, Apollo GraphQL, RESTful).
* Created data driving to export data from Mongo to Dalton. Successfully migrated 1,2M users from legacy platform to the new confederated Data Shore, ensuring minimal disruption to users. (Python, AWS-Lambda, AWS-S3, AWS-DynamoDB, Terraform CD-CI) .
* Added value to the current offering in terms of adding new payment options, new provider enrollment - BTB, creating containers for every country's laws. Created the new payment periods in the platfom.
* Worked with different departments around the globe to develop sport vertically. Efficiently integrated into Scrum ceremonies with the TNT Sport Cell, collaboration and ensuring timely delivery of high-quality software solutions.

**Senior Software Engineer**

WarnerMedia | Chile August 2019 – April 2022

* Developed and designed fragments of critical software for a CRM which drove data from SQL server enriching API consumption of the CRM. (Nuxt.js, Node.js, Express, MongoDB, Github, ECMAScript 6).
* Developed and designed financial manager integration with SAP (Node.js, Linux) .
* Developed a data drive to study customer behaviour with Python using PyMongo and Panda libraries to be integrated into Adobe in SQL data structures (Python,ETL).
* Optimized and improved backend operation by driving an update plan from MongoDB community platform to MongoDB Atlas enterprise.
* Integrated a Payment Gateway and this payment method allowed to integrate debit card recurrence (Node.js, Express, typescript, Mongoose).
* Developed and designed integration system for employee management (Python, SQL, MongoDB,VUX,HTML,GitHub,CSS,Agile Methodologies).
* Implemented load-balancing and instance scaling strategy at AWS level (JavaScript, Mongoose).

**Research Engineer**

A J Ingenieros | Chile November 2018 – April 2019

* Leveraged the Project Management principles to integrate the other teams (PM ).

**Senior Engineer**

Bigniss | Chile March 2017 – September 2018

* Designed and developed Proof of Concept for IoT - Energy Efficient on Data Centers (real-time data acquisition, Node.js, C++, Python, Modbus, MQTT Protocol, SNMP, MongoDB, Wi-Fi, Linux, RESTful, GSM).
* Monitoring system implemented. The system is an integration of environment variables like temperature, atmospheric pressure, presence with other variables more typical in a Database context, through the SNMP (Centreon as user interface, Git,HTML,CSS).

**SOC Administrator**

Bigniss LTDA | Chile February 2016 – March 2018

* Assessed the operational continuity technologies for new products proposal.
* Designed and developed monitoring system with embedded technologies like ESP8266 and ARM Microcontroller for the hardware and software (layer communication protocols ,I2C, UART, CAN Bus ,Node.js, Linux, Python, pymodbus, pymongo, C/C++).
* Interconnected legacy process based on PLC and SCADA with the TI context (finite state machines).
* Monitored critical communications networks (Nagios, GSM, MySQL, SNMP).

**Infrastructure & Network Engineer**

Netser Group | Chile October 2014 – February 2016

* Designed an electromechanical network for a Data Center- performed the design & implementation.
* Coordinated the operational work groups, fulfilling the established quality commitments.
* Tracked and controlled assigned tasks, scheduled activities and resources for optimal performance.
* Analyzed recurring equipment failures to provide technical service solutions predictively.

**Supervisor, Electrical Substations**

Balgres Group | Venezuela February 2013 – Octuber 2013

* Performed electrical infrastructure maintenance tasks and activities to support the public squares and public parks.
* Oversee a team of two software developers and lead weekly discussions to brainstorm ideas in software development and to track changes made in existing programs.
* Designed and implemented (HTML, MySQL, Python) of control and monitoring of work groups.
* Optimization of functions of all Management personnel. Preparation and execution of infrastructure projects in dependencies and assignment special contingency related. 100% improvement in response times. Cleaning and pre-normalization.

**Infrastructure Manager**

Inmerca | Venezuela Febraury 2011 – Febraury 2013

* Performed electrical infrastructure maintenance tasks and activities to support the public squares and public parks.
* Oversee a team of two software developers and lead weekly discussions to brainstorm ideas in software development and to track changes made in existing programs.
* Designed and implemented (HTML, MySQL, Python) of control and monitoring of work groups (WorkFlow). Optimization of functions of all Management personnel. Preparation and execution of infrastructure projects in dependencies and assignment special contingency related. 100% improvement in response times. Cleaning and pre-normalization.

**NOC Engineer**

Netuno | Venezuela June 2007 – December 2010

* Monitored the networking, telephonic and transmission sub-systems based on VDSL, ADSL, MPLS, MetroEthernet, PSTN and VoIP technologies. Through technologies like: SNMP, Nagios, MARTIS, Nortel, Radius, SDH, Media Gateways, Gatekeepers, VMWARE and Softswitch (Cisco, Huawei, TCP/IP).
* Provisioning data circuits for Last mile circuits for Large Companies (ATT, Verizon, Global Crossing).
* Coordinate the operation efforts for the networking tasking force at the Metropolitan Region.
* Support the international links for large clients (ATT, Verizon, Global Crossing).
* Collaboration in the establishment of the VoIP Platform on an international scale, maintained a direct relationship (On call) with the field technicians from Panama, Miami and Colombia.
* Customer Attention in tier 1 and tier 2 (ITIL).

**EDUCATIONAL HISTORY**

Universidad Central de Venezuela, Venezuela **January 2000 – August 2011**

Faculty of Engineering.

Grade: Bachelor’s degree in electrical engineering

Canada validator**: World Education Services validation #4666941IMM**

Universidad Central de Venezuela, Venezuela **November 1997 – January 2000**

Faculty of Pure Sciences.

Grade: Incomplete Degree in Mathematics.

**CERTIFICATIONS**

* M103 – Basic Cluster Administration, MongoDB University (2020)
* M312 – Diagnostic and Debugging, MongoDB University (2020)
* CCNA, Cisco Academy (2007)
* Python Programming, Central University of Venezuela (2009)
* Industrial Automation through Programmable Controllers, Santiago de Chile University (2018)
* Introduction to JE Production System
* Phishing Overview March 2024
* Worker Health & Safety Awareness Training
* Learning PLC Ladder Logic: 1 The Basics
* Keeping JE Information Safe
* Lift Truck Operator
* Fraud Awareness Training
* Harassment Free
* Lockout\_tagout
* JE Business Framework
* Environmental, Health and Safety Orientation
* Code of Ethics and Business Conduct
* Global IT Policy for Cybersecurity