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CLAUDIO CANALES

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EMPLOYMENT

DevOps Engineer	**Progrexion**	**April 2017 – Now**

- Created GitOps automation working with: Heroku, AWS & Gitlab CI/CircleCI.
- Improved time to implement any project with Control-M in a 80% by building new process and standards.
- Leaded migration from Control-M v8 to v9 with a minimal downtime including an entire architecture change.
- Implemented CI/CD workflows and automation helping to improve our deployments processes.

SDE/DevOps	**Paygroup**	**January 2014 – April 2016**

- Ensured successful and accurate processing of transactions higher than $8,000 by designing back-end functionalities for the Itau Bank High Amounts System.
- Evolved the Itau Bank High Amounts System by converting it into an RPM packed product; created 3 RPMs for the back-end, front-end, and databases, leading to successful product sale to Santander Bank.
- Implemented and optimized multiple automation processes with a high efficiency and performance.

Software Engineer	**Adexus**	**April 2011 – December 2013**

- Acted as the primary developer on the project for the VTR phone database; boosted system efficiency from 30% to 60% via database optimization.
- Led development on a project to improve payroll extraction processes and sub-processes; minimized the process from 6 hours to 40 minutes via temporary tables and indices.
- Facilitated multiple projects by creating Control-M workflows resulted in process advancements.

BI Developer	**Atcom Outsourcing S.A**	**January 2010 – March 2011**

- Enabled extraction of new information and correction of key problems by creating several Linux shells.
- Provided Qlikview reports spanning KPIs enhanced the high management decision making process.
- Designed a CakePHP website that allowed unparalleled transparency in data availability in the warehouse.

EDUCATION

Fairfield, IA	**Maharishi University of Management**	**2016 – 2018**

- MS in Computer Science, December 2018. GPA: 3.4
- Courses: Modern Programming Practices, Software Engineering, Algorithms, Big Data, Enterprise Architecture, Parallel Programming, Computer networks, Database Management Systems, Computer security.

Valparaiso, CL	**Pontifical Catholic University of Valparaiso**	**2001 – 2009**

- Civil Engineer in Computer Science and B.S.E. in Science Engineering.
- Graduate Coursework: Software Foundations; Computer Architecture; Artificial Intelligence; Formal Languages and Automata Theory; Computer Networks; Distributed Systems; Human Computer Interaction.
- Undergraduate Coursework: Operating Systems; Database Systems; Data Structures; Programming Languages; Linear Algebra; Statistical Inference; Calculus III; Differential Equations and Numerical Analysis.

ADDITIONAL EXPERIENCE , AWARDS AND CERTIFICATIONS

- **Certifications:** AWS Certified Solutions Architect Associate, Linux Foundation Certified System Administrator, Oracle Certified Associate - Java Programmer. **Working on**: CKA & Google Cloud Associate Cloud Engineer
- **VivaEFT Prize** (2015)**:** Commitment and Collaboration Achievement Award.
- **Rubik's Cube Solve Using Lego Mindstorms Robot** (2009)**:** Used a Bluetooth cell phone connection and Lego robot to solve the Rubik's cube. Applied the Kociemba algorithm using Visual Studio 2005 and Visual C++.

LANGUAGES AND TECHNOLOGIES

- Control-M, Salt, ElectricFlow, Artifactory, GitLab, Appdynamics , Vmware, Docker, Kubernetes.
- Shell Scripting, Python, Java, PL / SQL, PHP, Qlikview.
- Oracle 9/10, MySQL/MariaDB, PostgreSQL, MSSQL, Sybase IQ.
- Wildfly, Glassfish, Tomcat 6.0/5.0/4.0, JBoss 5.1.0, Apache, NodeJS, SOAP, WSDL, Restful.
- Cloud: AWS, GCP, Heroku: EC2, S3, Lambda, Route 53, GKE, Heroku Private Spaces with Dynos
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