

OCTAVIO MONTT

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London, UK

SUMMARY

As a Data Migration Specialist and Software Developer, I specialize in Python scripting. At ArtLogic, I pioneered a Python tool for seamless data migration, implemented CI/CD pipelines, and automated developer environment setup, significantly enhancing team efficiency. In Independencia Ciudadana, I led a team in developing a data aggregation platform, refactoring applications, and implementing CI/CD pipelines. With experience in Python, Ansible, Docker, and AWS, I have delivered solutions to software development projects. My background in Civil Engineering underscores my multidisciplinary problem-solving approach. Fluent in English and Spanish, I offer both technical expertise and effective communication skills to software development teams.

WORK EXPERIENCE

Data Migration Specialist, ArtLogic - Full-time, London, UK

Mar 2022 - Present

Working in a team at the largest art gallery manager software, I specialized in **Python scripting**, customizing scripts to meet the client's needs. Regular communication with project managers ensures precise customization based on their needs for each gallery project.

- Developed a tailored **Python tool** for seamless data migration, efficiently **transforming non-relational databases (MongoDB) to relational databases (MySQL)**, thereby expanding the company's capability to import data from diverse sources.
- Pioneered the implementation of **Continuous Integration (CI)** for our internal library, introducing the first **unit testing**. Additionally, I developed **bash scripts** integrated into **GitLab pipelines**, which have **significantly saved developers time** by identifying and rectifying bugs prior to committing code changes.
- Developed an **Ansible script** to automate the setup of the developer environment within our team, drastically **reducing onboarding time to just a day**. This initiative has also expedited and streamlined team migrations to upgraded environments, ensuring faster and smoother transitions for all members.

Software Developer, Independencia Ciudadana - Freelance, Santiago, Chile

Sep 2022 - Mar 2024

Led the development and deployment of a data aggregation platform for a Chilean borough.

- Managed a team of two developers**, overseeing frontend and backend progress through regular meetings and planning sessions.
- Spearheaded the setup of Azure products** with the help of an external company.
- Led the refactoring of a **Django** application to **Django Rest Framework** and **Angular**.
- Implemented CI/CD pipelines** for Angular application deployment.
- Delivered a functional prototype featuring a dynamic dashboard, showcasing borough data for informed decision-making.

Django Developer, Independencia Ciudadana - Full-time, Santiago, Chile

Jan 2021 - Dic 2021

Developed the data architecture for a local council in Santiago, from form collection to transformation, storage and visualisation.

- Managed the development cycle from project scoping, development and deployment
- Connecting **Django** with **AWS services**.
- Implemented agile methodologies using Miro and Notion to enhance team collaboration and project management.
- Increased efficiency of workers in the council by facilitating an interface that saved time in administration protocols to a third of the time.

PERSONAL PROJECTS

chaCon | Tmux - Ansible - Bash - Zsh

This project provides a Ansible playbook designed to automate the setup of my development environment across various operating systems. Depending on the OS, the playbook installs all necessary tools and configurations required for my development workflow.

chaCon.nvim | Lua - Neovim

This project is my custom Neovim setup optimized for Python, Go, and SQL development, featuring integrated language servers (LSP), syntax highlighting (Treesitter), and productivity-enhancing plugins such as Telescope, Neogit, and Conform, among others.

SKILLS & OTHERS

Technical Skills: Python, Ansible, Go, Neovim, Lua, Docker, Bash scripting, Zsh, Django, Angular, Git, CI/CD pipelines, Nginx, Linux, AWS, SQL, SSH.

Courses: [Frontend Masters](#)

Interests: I enjoy climbing, particularly route climbing, as well as skateboarding. I love playing board games and, on a more creative note, I am passionate about upcycling.

Languages: English (Proficient), Spanish (Native).

EDUCATION

Civil Engineering, BEng with Honours

Jan 2014 - Oct 2020

Universidad Diego Portales

- Major in Structural Engineering.
- Thesis on "Cost-Benefit Analysis of Seismic Risk Life Cycle for Steel Tanks using Sismic Fragility Curves".

Diploma in Public Transport Planning

Aug 2018 - Dic 2019

Universidad Diego Portales

- Designing transport solutions based on Big Data