

EMANUEL XAVIER

DevOps engineer and Fullstack developer

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[GitHub](#) | [GitLab](#) | [Linkedin](#) | [Website](#)

EDUCATION

Universidade Federal de Ouro Preto

Bachelor Computer Science

Ouro Preto, Brasil

2018 - 2022

EXPERIENCE

Petro Soft Design | Software Developer & DevOps Engineer

Rio de Janeiro, Brasil | nov 2022 –

Present

- Built and maintained Liferay portal components and frontend features (JavaScript, FreeMarker, HTML/CSS) for internal websites serving thousands of users
- Set up Jenkins and GitLab CI/CD pipelines to automate C++ software builds, using Conan for dependency management
- Administered on-premise Linux servers and developed Python/Selenium scripts to support QA and regression testing workflows
- *Java, JavaScript, HTML/CSS, FreeMarker, Python, Selenium, Linux, Jenkins, GitLab CI/CD, Conan*

Terralab | Backend Developer & DevOps Engineer

Ouro Preto, Brasil | mar 2020 – nov 2022

- Developed backend APIs for web and mobile applications, with a focus on the Segurança da Mulher safety reporting app (Node.js, MongoDB, Firebase)
- Led the infrastructure team: introduced IaC with Ansible, containerized services with Docker, and automated releases via GitLab CI/CD
- Managed PostgreSQL and MongoDB databases and supported cloud deployments across AWS and GCP
- *Node.js, JavaScript, SQL, MongoDB, PostgreSQL, Firebase, Docker, Ansible, GitLab CI/CD, AWS, GCP, Linux*

SKILLS

Programming Languages: C++, Python, JavaScript, Java, Go

Tools / Platforms: Jenkins, GitlabCI, Docker, AWS, GCP

Databases: SQL, MongoDB, Postgres, MySQL

PROJECTS / OPEN-SOURCE

Segurança da Mulher | [Link](#)

Nodejs, Javascript, Firebase, AWS, GCP and MongoDB

Mobile app for anonymous reporting of harassment, abuse, or violence at specific locations, displayed on a shared map. Developed in partnership with the Athenas Women's Ombudsman (UFOP Law Department), it creates a public vulnerability map and consolidates all Ombudsman communication channels into a single platform for women seeking support.

Terraplanner | [Link](#)

Docker, Terraform, Ansible, GitlabCI/CD, AWS, GCP, Postgres

Geographic data platform for generating routes, isochrones, and custom map overlays, with dashboards displaying data collected across multiple locations in Brazil.

CERTIFICATIONS

- Basic API course with Nodejs + Express + MongoDB - **Udemy**
- Docker from 0 to Mastery: Containers Demystified + EXTRAS - **Udemy**
- Gitlab CI: Pipelines, Continuous Delivery and Deployment - **Udemy**