FEDERICO DANIEL ROSSI MESCOLATTI

ELECTRONIC ENGINEER
DEVOPS ENGINEER
SOFTWARE DEVELOPMENT

Electronic Engineer with solid experience as a DevOps Engineer in mission-critical environments. Expert in CI/CD pipeline automation, containerization, cloud & on premise infrastructure, and Linux systems. Strong background in embedded electronics and critical systems.

💼 EXPERIENCES

2024 | 2022

DevOps Engineer
Satellogic

• Led the automation and maintenance of CI/CD pipelines for satellite software using GitLab and Python.
• Deployed and managed containerized services in embedded Linux environments.
• Collaborated with firmware and software teams to streamline release processes.
• Developed internal tools for build/test automation in constrained environments.

2022

DevOps Engineer
Analytics Town

• Built CI/CD workflows for data processing pipelines using Azure DevOps and Docker.
• Maintained data platforms using Azure Databricks and Data Lake for analytics workloads.

2021

Web Developer
Teczara

• Developed backend services using Spring Boot and Django within a microservices architecture.
• Collaborated on full-stack development and REST API integration.

2021 | 2016

Electronic & Critical System Design
CNEA

• Operated and maintained critical infrastructure at a nuclear research facility.
• Designed and implemented electronic systems for safety and monitoring.

📁 SELECTED PROJECTS

2024 | 2022

Low-Earth-Orbit Satellite Constellation
Satellogic

• DevOps engineer for embedded/OS software
• Pipelines optimization
• Embedded environments maintainance
• Gitlab / Python / Docker / Bash

2022 | 2017

Nuclear Reactor RA-10
CNEA-IyC

• Nuclear Reactor RA-10 - IyC - CNEA
• Critical system design

2013 | 2011

Thesis Electronic Engineer:
UNC-FCEFyN

• Signal conditioning for Geiger Counter detector
• Microchip PIC μController

🎓 EDUCATION

2021

DevOps Certification
UNC-FCEFyN

2016

Basic Concepts on Neutron Scattering
UNSaM-Instituto Sábato

2016

Critical System Design
IUBA

2013 | 2007

Electronic Engineer
UNC-FCEFyN

CONTACT INFO

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Github
Gitlab
Linkedin

Skills

Languages & Scripting

Bash
Python
C

CI/CD & Automation

GitLab CI
GitHub Actions

Containers & Orchestration

Docker
Kubernetes

Cloud Platforms

AWS (EC2, S3, EKS, IAM)
Azure

Monitoring & Logging

Prometheus
Grafana

Electronics/Critical Systems

Embedded Systems
Electronic Design
System Reliability

OS & Networking

Linux (Debian/Ubuntu)
Nginx / Apache
SSH / VPN / DNS

PDF

Rossi Federico CV