

Samuele Ancora

EXPERIENCE

DevOps Engineer — CMCC (11/2025 – Ongoing)

- Orchestrating operational workflows and CI/CD pipelines to streamline deployment.
- Managing and optimizing data repositories, ensuring high availability, data integrity, and efficient backup/recovery strategies.
- Maximizing system reliability by implementing robust automation scripts and configuration management (IaC).
- Deploying and maintaining virtualized environments (containers/VMs) to ensure consistent application performance across development and production.
- Administering cloud-based infrastructure, bridging the gap between System Administration and DevOps to support scalable architecture.

Technology used: Ansible, Terraform, Docker, Kubernetes, AWS, , Python, Bash, , Git.

Software Engineer — TMC (01/2025 – 11/2025)

- Developed and maintained a highly reliable flight simulator through the emulation of onboard sensors. The simulation included environmental immersion, thus assessing the presence of wind or adverse weather conditions.

Technology used: C++, Docker, CMake.

EDUCATION

- Master's degree in Computer Engineering (2024) — *Università del Salento*
- Bachelor's degree in Information Engineering (2021) — *Università del Salento*

SKILLS

Programming languages: C, C++, Python, MATLAB, Java, bash.

DevOps and tools: Docker, basic Kubernetes, CI/CD pipelines, Version Control (Git).

LANGUAGES

Italian (Native), English (Fluent).