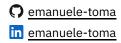
Emanuele Toma

Full-Stack Developer | DevOps & Security Automation





Summary

Full-stack developer with a focus on developer experience, automation, and secure infrastructure.

AISent Web Developer and DevOps July 2023 - Present Italy, Gorle

https://aisent.com/en

- Automated infrastructure provisioning with Terraform, enabling faster, consistent environment setups and reducing manual errors
- Built and maintained CI/CD pipelines, accelerating release cycles and ensuring reliable testing and deployment workflows
- Designed and implemented a secure, centralized access control system with SSO, eliminating shared credentials and improving auditability
- Engineered a VPN with IP masquerading, enabling stable remote access to internal systems via local office IPs
- Developed an internal API client library with 90% automated OOP generation and CLI scaffolding for React Query hooks, streamlining frontend/backend integration
- Published a reusable React component library with full CI/CD integration, reducing redundancy and promoting UI consistency
- Standardized component development by enforcing Storybook adoption, improving collaboration and reducing UI defects
- Built a Yeoman powered frontend scaffolding tool, reducing new project setup time by over 80%
- Established shared linting rules and pre-commit hooks, improving code quality and consistency
- Boosted SEO of the company website, significantly improving search engine visibility and organic traffic

Education

ITS Fondazione JobsAcademy

November 2023 - Present

Cloud Development Course

https://jac-its.com/en

Focused on frontend frameworks (React, Vue, Angular), containerization with Docker, Git version control, CI/CD pipelines, Python based Machine Learning and Deep Learning, and Cybersecurity fundamentals.

Skills

Docker

Containerized applications for development and production environments.

Automated infrastructure provisioning and management.

Deployed and maintained cloud resources.

CI/CD

Designed pipelines for automated testing and deployment.

Git

Managed servers and automated tasks via shell scripting.

Version control with branching and merge strategies.

React/React Native

Built scalable, performant frontend applications.

TypeScript/JavaScript

Developed robust, type-safe codebases.