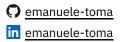
# **Emanuele Toma**

Full-Stack Developer | DevOps & Security Automation





### **Summary**

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

### **Experience**

AISent
Web Developer and DevOps

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%

#### Education

ITS Fondazione JobsAcademy

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.	Terraform Automated infrastructure provisioning and management.	AWS Deployed and maintained cloud resources using S3, ECS, EC2 and CloudFront.	CI/CD Designed pipelines for automated testing and deployment.
Linux Managed servers and automated tasks via shell scripting.	Git Version control with branching and merge strategies.	React/React Native Built scalable, performant frontend applications.	TypeScript/JavaScript Developed robust, type- safe codebases.

### Certifications

## Google Cybersecurity Certificate

October 2023

November 2023 - Present

Google / Coursera

https://www.coursera.org/account/accomplishments/professional-cert/TLNAN3RUKFQB

Completed 8-course program covering threat analysis, network security, risk management, IDS/SIEM tools, and Python scripting. Includes hands-on labs with Linux, SQL, and automation for entry-level cybersecurity roles.

### Languages

**English Italian** C1 Native speaker