Emanuele Toma
Full-Stack Developer | DevOps & Security Automation

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

Experience

AISent   July 2023 - Present
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   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	**Terraform**	**AWS**	**CI/CD**
Containerized applications for development and production environments.	Automated infrastructure provisioning and management.	Deployed and maintained cloud resources using S3, ECS, EC2 and CloudFront.	Designed pipelines for automated testing and deployment.
Linux	**Git**	**React/React Native**	**TypeScript/JavaScript**
Managed servers and automated tasks via shell scripting.	Version control with branching and merge strategies.	Built scalable, performant frontend applications.	Developed robust, type-safe codebases.

Certifications

Google Cybersecurity Certificate   October 2023
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