Emanuele Toma

Full-Stack Developer | DevOps & Security Automation

⊙ Italy, Bergamo @ emanuele@toma.gg 𝒫 https://toma.gg

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Summary

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

Experience

AISent
Web Developer and DevOps
𝒫 https://aisent.com/en

July 2023 - Present
Italy, Gorle

- 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
Cloud Development Course
𝒫 https://jac-its.com/en

November 2023 - Present

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.

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.