

# Giuseppe Crino

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**GitHub:** [github.com/giuscri](https://github.com/giuscri)

## Skills

- Kubernetes, AWS, Helm, Terraform, Postgres, Redis, GitHub Actions, Prometheus, Datadog, Grafana, ArgoCD
- Python, Go, JavaScript, Java, Bash, Git, React
- Algorithms and data structures, cryptography, security

## Work experience

**Senior Site Reliability Engineer @ Airalo**

(July 2024 - Present)

**Software Engineer, Site Reliability Engineering @ Casavo**

(April 2021 - July 2024)

- Key contributor in building the company's SRE team, significantly improving monitoring systems, defining SLAs and providing a platform for developers.
- Led the design and implementation of the AWS infrastructure, resulting in significant cost savings.
- Implemented new features and bug fixes for multiple production microservices and improved developer tools, including error tracking and faster CIs.

**Software Engineer, Site Reliability Engineering @ Banksealer**

(November 2019 - April 2021)

- Designed and implemented the cloud infrastructure utilizing Kubernetes.
- Optimized continuous integration pipeline using Concourse, significantly reducing the monorepo build time.
- Collaboratively redesigned and implemented the company's product using Scala, transitioning from on-premises installations to a multi-tenant environment on AWS.
- Maintained a Scala RPC library used in production.

**Software Engineer @ (freelancing)**

(October 2018 - October 2019)

- Provided maintenance for clients' legacy JavaScript applications.

## Education

**BSc. of Computer Science @ University of Milan**

(October 2013 - October 2018)

- Final dissertation: "Malicious input for feedforward neural networks", leveraging Machine Learning fundamentals and Google's TensorFlow. Defense presentation link: <https://goo.gl/7iHVgA>