RICCARDO MARCHI

CLOUD ENGINEER

LinkedIn
riccardo.marchi4@gmail.com
Milan, Italy (open to relocation)
+39 333 338 3983

SUMMARY

Experienced Cloud Engineer with a proven track record of optimizing performance and reliability within cost constraints.
Skilled in managing, developing, and enhancing critical infrastructure for a broad user base, ensuring high availability around the clock.
Committed to automating processes without compromising on security, aligning with best practices for system scalability and robustness.

EXPERIENCE

02/2023 – present   **SATISPAY**   *(FinTech industry)*   *Cloud Engineer*

- Administration of the whole AWS infrastructure through Terraform: improved reliability and scalability of the most stressed microservices without impact on costs
- Initial setup and configuration of a distributed and scalable logging infrastructure using AWS Firehose + Opensearch with Kibana user authentication through Cognito
- Reduction of service downtime during upgrade and maintenance activities on databases from hours to a couple of minutes using AWS Database Migration Service
- Creation of Cloudwatch dashboards and alarms for key metrics to improve monitoring
- Support to developers and other departments inside the company

03/2021 – 01/2023   **MIA-PLATFORM**   *(Software Development industry)*   *Cloud Engineer*

- Complete administration of an EKS (Kubernetes) cluster and other AWS services: optimized resource utilization causing a considerable decrease in costs
- CI/CD (Jenkins), logging (Elasticsearch + Kibana) and monitoring (Prometheus + Grafana) infrastructures: intensive adoption of any kind of automation to speed-up DevOps processes and fine-tuning of the tools used by the developers along the whole software lifecycle
- Project management activities: project roadmap definition, tasks prioritisation and weekly planning with the client
- Support to developers and on-call duty

EDUCATION

2018 – 2021   **COMPUTER ENGINEERING (MSC)**   110/110, GPA 28/30
Politecnico di Torino – Turin, Italy

- Contribution to Polycube open source project: addition of stateful capabilities
- Latency Analysis in Cloud Native Environment (Final Thesis)

2015 – 2018   **COMPUTER SCIENCE AND ENGINEERING (BSC)**   94/110, GPA 25/30
Università di Bologna – Cesena, Italy

LANGUAGES

- **Italian** – *Native*
- **English** – *Fluent*
- **Spanish** – *Basic knowledge*

SKILLS

- **Linux Fundamentals**
- **Kubernetes** (CKA obtained)
- **Docker**
- **AWS Cloud**
- **Terraform and Ansible**
- **Bash scripting**
- **Python and GoLang**
- **Data storage**
- **Agile Methodologies**

- **Teamwork**: Engaged collaborator with a track record of contributing to high-performing teams by sharing innovative ideas and fostering a culture of collective problem-solving to accelerate project delivery.
- **Troubleshooting**: Expert in diagnosing and resolving complex system issues, with a focus on implementing preventative measures to enhance system reliability and performance.
- **Work Ethic**: Committed to excellence, ensuring the highest quality and performance of delivered products. I take full ownership of projects, valuing efficiency and effectiveness while respecting the importance of work-life balance.

I authorize the processing of personal data contained in my curriculum vitae based on art. 13 GDPR 679/16