Mattia Righetti

SOFTWARE ENGINEER

Milan, Italy

📞 +39 3475589093 | ✉ mattiarighetti@outlook.com | 🏠 mattrighetti.com | ⊙ mattrighetti | in mattia-righetti

Highly motivated and detail-oriented software engineer with a strong track record of delivering high-quality projects on-time and within budget. With a deep understanding of multiple programming languages and tech stacks, has consistently demonstrated ability to develop innovative solutions to complex problems. Possesses excellent collaboration skills and have earned recognition from both colleagues and clients for their drive to continuously learn and stay up-to-date with industry developments. Dedicated to delivering outstanding results and confident in their ability to make a valuable contribution to any organization. **Fluent in English. Core competencies include**:

Backend development · Distributed systems · Database administration · Cloud Infrastructure deployment · REST APIs design and development · Unix system administration · CI/CD Pipeline deployment

PROFESSIONAL EXPERIENCE

Anthropos   *Lugano, Switzerland*

SOFTWARE ENGINEER   *May 2023 - Present*

Amazon   *Luxembourg*

SOFTWARE DEV ENGINEER INTERN   *June 2022 - December 2022*

- Developed and optimized new backend APIs that automated most of the interactions that other teams had with our service, making it faster, more efficient and available 24/7.
- Designed and developed a web application to showcase our team's APIs and services which made the onboarding process for stakeholders incredibly smooth and valuable.
- Deployed and maintained OSRM service to support team services that needed to scale and had internal API limitations.
- Data pipelines management and data manipulation with Apache Airflow, AWS Glue and AWS ECR. Improved parallelisms of data transformation pipelines.
- Setup multiple pipeline to manage CI/CD of team services with the use of AWS CDK and AWS CloudFormation.

Politecnico di Milano   *Milan, Italy*

FULL-STACK ENGINEER   *June 2018 - September 2021*

- Designed and maintained database to support department required features.
- Developed web application that made interaction with the database more intuitive and quick for all the students of the department.
- Developed backend REST APIs used by the web application to interact with the database.
- VPS administration and maintenance including domain registration and networking setup.

EDUCATION

Bachelor of Science in Computer Science   *Milano, Italy*

POLITECNICO DI MILANO

Master of Science in Computer Science   *Milano, Italy*

POLITECNICO DI MILANO   *Expected graduation: June 2023*

TECHNICAL SKILLS

PL	Rust, Go, Python, C, Java, Javascript, Typescript, Bash, Swift, Protobuf
Other	Docker, AWS EC2, AWS S3, AWS Glue, AWS CloudFormation, AWS ECR, AWS Fargate, AWS Lambda, AWS RDS, AWS DynamoDB

PROJECTS

Ulry

HTTPS://ULRY.APP

Fast and lightweight read-it-later and link archiver application for iOS. **Hundreds of monthly active users on average**.

webex-dl & teams-dl

HTTPS://GITHUB.COM/MATTRIGHETTI/TEAMS-DL, HTTPS://GITHUB.COM/MATTRIGHETTI/WEBEX-DL

Multi-process cli utility to download webex/teams recorded videos hosted on the *Politecnico di Milano* server. **Used by hundreds of students daily**.

HNReader

HTTPS://GITHUB.COM/MATTRIGHETTI/HNReaderApp

Hacker News client for macOS, **currently used by hundreds of users**.