MATTIA DE FILIPPO

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EXPERIENCE

System Engineer   Dec 2023 - present
ASEE

Cloud Integration Engineer / Software Engineer   Dec 2020 - Oct 2023
Datamir (Libelle IT group)

- Created Docker-based database containers preloaded with realistic data which resulted in quicker testing and reduced challenges associated with shared databases.
- Implemented a process for potential customers to try and evaluate company products. The solution is based on AWS, Packer and Django that launches customized virtual machines, allowing users to try their desired products.
- Incorporated Infrastructure as Code principles with Terraform to manage simple networking infrastructure on AWS.
- Implemented backend features as a member of the product team specializing in test data management field. Using Python, developed solutions for migrating large amounts of data across different database vendors. Additionally, contributed to a product focused on shrinking database size.

EDUCATION

Master of Computer Science, FER - University of Zagreb   2021 - 2023
Thesis: An alerting system based on fall detection of elderly people

Bachelor of Computer Science, FER - University of Zagreb   2016 - 2021
Thesis: Web-Application for the Visualization of a Contextually Enriched Automotive Data Set

TECHNICAL SKILLS

Programming languages	Python, Go
Databases	Oracle, MongoDB
Infrastructure as Code	Packer, Terraform
Containerization	Docker
Web Technologies	REST API, nginx, Redis
Cloud	AWS, Azure
Collaboration	git, redmine

PROJECTS

defilippomattia.com Personal website built with static site generator (Hugo), incorporated CI/CD with GitHub Actions.

OTHER SKILLS AND INTERESTS

Languages	Croatian (native), English (fluent), Italian (fluent)
Interests	football, basketball, photography, graphic design
Volunteering	Students Association - eSTUDENT (Human Resources team)
Courses	Heureka - School of public speaking