Andrea Acampora

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Software Engineer | Backend

Skills

Positions
Back End, Full Stack, System Engineer

Experience level
Junior, Mid, Entry

Core skills
Typescript, Java, Node.js

Other skills
Scala, Microservices, Software Architecture, Kotlin, IoT

Work eligibility
EU

Preferences

Work type
Onsite, Remote, Hybrid

Work timezone
UTC-4:00 - UTC+4:00

Tech stack/Tooling
Microservices, Software Architecture, Node.js

Languages

Italian (fluent)

English (intermediate)

Spanish (beginner)

Experience

Software Engineer, MrApps
06/2024 - Present (5 months)
San Marino

Design and development of backend software systems

Technologies:

- Node.js (NestJS, ExpressJS)
- TypeScript / JavaScript
- PostreSQL / MySQL
- AWS / OVH Cloud

Undergraduate Internship, Cyberloop
01/2021 - 05/2021 (5 months)
Cesena FC, Italia

Activities:

• Web Scraping
• Network Security
• Linux
• OSINT
• Analysis of online data leaks

Education

Università di Bologna
2022 - 2024 (2 years)
Master's degree: Computer Science & Engineering, 110/110

Focus on Software Architectures, Domain-driven Design and DevOps techniques

Master thesis:
Analysis and development of an Event-driven microservices architecture for Digital Twins.

Università di Bologna
2018 - 2021 (3 years)
Bachelor's degree: Computer Science & Engineering, 101/110

Projects

Smart Operating Block   05/2023 - 10/2023 (6 months)
github.com/smartoperatingblock

A prototype of a Smart Operating Block composed by an IoT layer, a Digital Twins layer and a microservice architecture.

Technologies:

- Kotlin / Java
- Apache Kafka
- MongoDB
- Azure Digital Twins
- C++ (Arduino, Raspberry PI)

AthletX   01/2023 - 05/2023 (5 months)
github.com/athletx-org

Web Application to manage and create fitness workouts.

Technologies:

- ExpressJS
- Vue3
- MongoDB
- Docker

VirSim   06/2022 - 09/2022 (4 months)
https://github.com/VirusSpreadSimulator

A *Functional* and *Cross Platform* Simulator written in *Scala 3*

Technologies:

- Scala 3
- Sbt
- Github Actions
- Docker