AHMED HEKAL

SOFTWARE ENGINEER

CONTACT

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SOFT SKILLS

- Problem-solving
- Creativity
- Continuous Learning
- Adaptability
- Autonomy
- Proactivity
- Ownership
- Attention to Detail
- Technical Communication
- Teamwork
- Mentorship

BIO

I'm Ahmed Hekal, a Senior Software Engineer with a career of over nine years driven by a passion for innovation. My journey, split between experiences as an employee and a freelancer, has allowed me to develop not only a diverse technical skillset but also a flexible work ethic and great adaptability.
I've had the opportunity to work on a wide variety of projects, designing and developing systems that solve complex problems. The challenges I've faced range from real-time data analysis and audio and video content manipulation, to the implementation of computer vision solutions. This journey has given me the freedom to choose stimulating projects, fueling my enthusiasm for solving complex problems.

WORK EXPERIENCE

Movia S.P.A
Catania,Italy - Software Engineer
2021 - Present
Movia is a leader in providing Intelligence solutions to Government Entities and Law Enforcement Agencies. Here, I worked on various analytical projects, including network traffic analysis, routine detection, and many others. I had the opportunity to work with advanced technologies such as DPI analytics, Elasticsearch, ArangoDB, MongoDB, and various network protocols. Working at Movia also allowed me to bring to life many of the experiences I gained during my hobbies.

Freelancer - Software Architect / Developer
Remote - Freelance
2015 - Present
Working as a freelancer has given me the opportunity to engage with a variety of projects, allowing me to develop skills in different technologies. This role enables me to continually expand my horizons, as I have the freedom to choose the types of projects I work on. I use this opportunity as an experimental lab to approach new technologies and methodologies, constantly improving my professional skills.

LANGUAGE

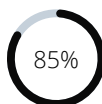Arabic (Native)   Italian (Native)   English

EDUCATION

IISS"G.Ferraris"

IT and telecommunications diploma - 2017-2021

A five-year course of study that provided me with the fundamentals of programming, computer systems, network architectures, and telecommunications.
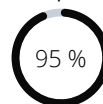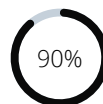
SKILLS SUMMARY

Network Traffic Analysis — 85%

Data Manipulation and analyzing — 90%

Web-based system Development — 95 %

Audio and video manipulation — 90%

TOP PROGRAMMING LANGUAGES AND TECHNOLOGIES

Node.js   MongoDB   Python   ArangoDB   NFStream

PHP   DPI   Express.js   Typescript   Clickhouse   E.SEARCH

MYSQL   Javascript   REACT.JS   Linux   Docker

Kubernetes   Laravel   GIT/CD/CI   Kafka   Svelte

OpenCV   Electron   PyTorch