



## Emanuele Cammarata

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**Nationality**: Italian

### WORK EXPERIENCE

[ 24/01/2022 – Current ]

#### Software Engineer / IT Archiect

##### *Proximus*

**City**: Brussels

**Country**: Belgium

Low code mobile project as frontrunner for the team in a distributed enterprise environnement with Agile approach for native and responsive apps using µservices architecture and rest API.

key technology used:

React-native, git , jest,UML,Jira,Mendix,Agile

[ 23/03/2021 – 22/01/2022 ]

#### Back end Engineer

##### *Moneynet S.p.A.*

**City**: Palermo

**Country**: Italy

Software Engineer in the fintech industry with µservices architecture and rest API.

key technologies used:

Spring-boot, Spring-Security , Hibernate , MySQL ,Postman, Java

[ 15/11/2020 – 22/03/2021 ]

#### Software Engineer

##### *Randstad technologies*

**City**: Palermo

**Country**: Italy

Program for software engineers oriented towards training and job hunting.

key technologies used:

Angular, React, SQL, MongoDB

[ 10/07/2020 – Current ]

#### Web developer

##### *Gaetano Motisi*

**City**: Palermo

**Country**: Italy

Building and maintaining e-commerce using CMS

key technology used:

Wordpress, WooCommerce

## EDUCATION AND TRAINING

[ 19/09/2015 – 19/03/2020 ]

### **Bachelor Degree in Software and Telecommunication Engineering**

**Università degli studi di Palermo** <https://www.unipa.it/>

**Address:** Via Giovanni Pascoli, 6, 90133, Palermo, Italy

[ 16/08/2023 – 14/12/2023 ]

### **AWS Cloud Architect - Nanodegree Program**

**Udacity** <https://www.udacity.com/>

**Field(s) of study:** Cloud architectures

Play a critical role in an organization's cloud computing strategy as an AWS Cloud Architect.

Plan, design, and implement secure cloud infrastructure in AWS at scale.

Designing and building high availability infrastructure, and to building scalable, secure, and cost-optimized architecture.

Explore and execute best practices and strategies around securing access to cloud services and infrastructure.

[ 10/12/2022 – 03/06/2023 ]

### **Microservice Architect**

**Arcitura Education** <https://www.arcitura.com/>

**Field(s) of study:** Architecture | Solutions | Cloud and Containerization

**Final grade:** Passed with Honors

Demonstrated proficiency in the technology architecture models and mechanics of microservice implementations and containerization environments, through the mastery of patterns, practices and industry-standard technologies required to engineer contemporary microservices.

[ 10/12/2022 – 03/06/2023 ]

### **Microservice Professional**

**Arcitura Education** <https://www.arcitura.com/>

**Field(s) of study:** Microservices

**Final grade:** Passed with Honors

Demonstrated an understanding of service technology, microservices, APIs and service-oriented architecture (SOA), as well as knowledge of design principles for building services and assembling service-oriented solutions

[ 20/05/2020 – 22/06/2020 ]

### **Machine Learning Specialist**

**Arcitura Education** <https://www.arcitura.com/>

**Field(s) of study:** Machine learning | Neural training models

**Final grade:** Passed with Honors

Demonstrated understanding how and where machine learning techniques are best utilized to produce business value, and knowledge of associated algorithms and system designs, as well as advanced model learning approaches and analysis practices.

[ 23/04/2020 – 12/05/2020 ]

### **Artificial Intelligence Specialist**

**Arcitura Education** <https://www.arcitura.com/>

**Field(s) of study:** AI | Neural networks

**Final grade:** Passed with Honors

Demonstrated understanding how AI practices can be utilized to perform data analysis and autonomous data processing, and knowledge of AI learning approaches and functional designs, as well as knowledge of neural networks.

## Mendix Rapid Developer

**Mendix** <https://www.mendix.com/>

This certification serves as evidence of obtained fundamental understanding of Mendix and showcases the ability to participate in project teams and construct prototypes autonomously.

### PROJECTS

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[ 22/08/2023 – 22/08/2023 ] **Project: Recoverability In AWS**

I've started a journey to become an AWS Cloud Architect through Udacity's comprehensive course.

In this project, I tackled the challenge of creating highly available solutions to common use cases.

I built a Multi-AvailabilityZone, Multi-Region relational database setup and integrated it across multiple geographically separate AWS regions connecting and communicating with EC2 containers.

Additionally, I incorporated estimations of RTO (Recovery Time Objective) and RPO (Recovery Point Objective) to enhance the project's resilience.

Completing the circle, I also developed a website hosting solution through S3 that's versioned, ensuring that any unexpected data destruction or accidents can be swiftly and easily undone.

[ 10/09/2023 – 18/09/2023 ] **Project: Design, Provision and Monitor AWS Infrastructure at Scale**

This time I dived into cost optimization and scalable infrastructure using AWS tools.

I learned to identify cost-effective best practices, modernize traditional setups for performance, and explore serverless options when appropriate. Plus, I've finally mastered provisioning and de-provisioning infrastructure with AWS CLI and Terraform.

### LANGUAGE SKILLS

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**Mother tongue(s):** Italian

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

**French**

**LISTENING A2 READING B1 WRITING B1**

**SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

### DIGITAL SKILLS

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#### General Development

Java | UnrealEngine | React Native | MongoDB | SQL | R programming | Spring Maven | C

#### Web Development

CSS | Node.js | JavaScript | Wordpress | React.js | HTML5 | Low Code (Mendix)

## **Project Management**

Jira | UML | AGILE Methodology | Scrum | Confluence

## **Repository hosting service**

Git | tortoise

## **Architecture**

AWS Architecture | Microservice Architecture | Cloud-computing | Architecture Design

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