GIULIA MARAVENTANO
CURRICULUM VITAE

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FOREIGN LANGUAGE SKILLS

ITALIAN (MOTHER TONGUE)
ENGLISH (B1-B2)
SPANISH (B1-B2)

PROGRAMMING LANGUAGE SKILLS

PYTHON
BASH
JAVA
PHP
JAVASCRIPT
MYSQL

NETWORK & CYBERSECURITY SKILLS

NETWORK PROTOCOLS
FIREWALLS
PROXIES
IDS/IPS
Port scanning (Nmap)
Web services (SQLMap, Burp)
Traffic analysis (Wireshark)
Debugging (GDB)
CRYPTOGRAPHY (DES, AES, MAC, Hashing)
CRITICAL THINKING

CLOUD TECHNOLOGY SKILLS

DOCKER
KUBERNETES
TERRAFORM
ANSIBLE + JINJA2
JENKINS
GCP / AWS

GENERAL SKILLS

LINUX (Ubuntu/Debian/CentOS/Kali)
BLOCKCHAIN (Hyperledger Fabric, Ethereum)
SMART CONTRACTS
DAPPs
TROUBLESHOOTING

WORK EXPERIENCES

System & Network Administrator
Schera ARL
PALERMO (PA)
09/2023 - Current

Main activities and responsibilities:
Software, hardware and network management.

DevOps internship
SEEDS SRL
PALERMO (PA)
11/2021 - 03/2022

Main activities and responsibilities:
Design, Provisioning and maintenance of a private Cloud system. Migration of the business application from monolithic architecture to microservices architecture. Configuring application related CD/CI processes.

Acquired skills and achieved objectives:
Kubernetes, Docker, Jenkins, Blockchain.

System & Network Administrator
4UITALIA SRL
PALERMO (PA)
01/2015 - 04/2021

Main activities and responsibilities:
Corporate IT Infrastructure management.

Acquired skills and achieved objectives:
Networking protocols (tcp, https, icmp, smtp, ftp), Switch, Router, Firewall, DNS, DHCP, Backup software (Bacula, Veeam), VM Hypervisor (VMWare, Proxmox), Nagios, PHP, MySql, Bash.

IT Helpdesk
4USERVIZI SPA
PALERMO (PA)
02/2010 - 12/2014

Main activities and responsibilities:
IT Support and database management.

Acquired skills and achieved objectives:
Networking protocols (tcp, https, icmp, smtp, ftp), switch, router, Firewall, DNS, DHCP, Nagios, PHP, MySql, Bash.

ACADEMIC STUDIES

MASTER'S DEGREE
Università degli Studi di PALERMO
2020 - 2023

Computer Science
LM-18 - 2nd level degree in Computer Science
Thesis title:*"Blockchain and Smart Contracts for Li-ion batteries and raw materials traceability for Second Life applications"*
Final degree mark: 110/110
Graduation date: 16/03/2023

BACHELOR'S DEGREE
Università degli Studi di PALERMO
2002 - 2008

Matematica per l'Informatica e la Comunicazione Scientifica
32 - Class of first level degree in Mathematics
Graduation date: 15/12/2008

ICT CERTIFICATES

Network Automation Engineering Fundamentals Specialization
Coursera – Cisco
2023-10

ID: CBBTTC3CV856
Introduction to Network Automation
Using APIs for Network Automation
Ansible for Network Automation
DevOps for Network Automation (NetDevOps)
Introducing Model-Driven Programmability

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Terraform - La Certificazione - Il Corso Completo
Udemy
2023-09

ID: UC-939d21ac-3342-4dc1-8837-5cfc27342b1c

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Essential Google Cloud Infrastructure: Core Services
Coursera - Google
2023-05

ID: SH2CHTW5PW4S

- -

Essential Google Cloud Infrastructure: Foundation
Coursera - Google
2023-04

ID: 5SNNUZWMH55J

- -

Google Cloud Fundamentals: Core Infrastructure
Coursera - Google
2023-04

ID: RSKFQKTA8W9Q

- -

Blockchain Specialization
Coursera Buffalo University
2022-12

ID: FQM5AKP992V7
Decentralized Applications (Dapps)
Smart Contracts
Blockchain Platforms

- -

IT Fundamentals for Cybersecurity Specialization
Coursera – IBM
2022-11

ID: MX8GM9FH6PAD
Cybersecurity Roles, Processes & Operating System Security
Cybersecurity Compliance Framework & System Administration
Introduction to Cybersecurity Tools & Cyber Attacks
Network Security & Database Vulnerabilities

- -

Cryptography I
Coursera
Stanford University
2021-10

ID: 8SHYAYG9A7MT

- -

Machine Learning
Coursera
Stanford University
2020-01

ID: 5GX7AW3ZE5M3