



# Samuele Padula

ICT Security Consultant

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## Languages

- Italian ● ● ● ● ●
- English ● ● ● ● ●

## Hard Skills

- Java/Python ● ● ● ● ●
- IT Administration ● ● ● ● ●
- Azure ● ● ● ● ●
- Powershell/Bash ● ● ● ● ●
- RasPI,Arduino,ESP32 ● ● ● ● ●

## Soft Skills

- Ability to operate remotely and co-operate with players located in different areas of the world
- Communication and teamwork aptitude thanks to theater training of 10 years at the theater school "La Maschera"
- Proactivity and ability to work for goals
- Curiosity and striving for continuous improvement
- Strong problem-solving orientation

## Working Experience

- April 2024 - Current **Penetration Tester** Deloitte Nexthub S.r.l. S.B

Skills and activities:

  - Vulnerability Assessment
  - Perform Web Application & Infrastructure Penetration Tests in a black/gray-box approach
  - Golden Image Security Assessment
  - Active Directory security posture testing
  - Contribution to the development and improvement of security testing methodologies, tools and processes in client's companies
- May 2023 - Jan 2024 **Security Operations Center Analyst** Innovery s.p.a

Skills and activities:

*SIEM:*

  - QRadar
  - Splunk
  - Azure Sentinel
  - Crowdstrike

*Email Protection Solution:*

  - Proofpoint Email
- October 2022 - April 2023 **ICT Consultant - Security** iCubed s.r.l

Skills and activities:

  - Azure Network Security project for a major European player in the steel industry: design of Azure Networking, refactoring of Active Directory environment, configuration of Azure AD Connect
  - Azure Sentinel and Microsoft Defender for Cloud, Apps, Identities and IoT
  - ADDS/AAD administration
  - Automatic analysis of file server share ACLs using Powershell
  - Security assessments of Azure Tenants/Subscriptions
  - Migration to Cloud of on-premises infrastructures
- May 2021 - October 2022 **ICT Consultant - Cloud** iCubed s.r.l

Management of production architecture of SNAM Rete Gas. Skills and activities:

  - Working directly with Azure IaaS (VM, VNet, Subnets, NSG) deployment
  - Azure IoT: Event Hub, Service Bus, IoT Hub, IoT Edge Runtime
  - Management and deploy with ARM templates
  - Microsoft Windows local user management
  - Powershell advanced scripting and Azure Automation Account
  - MSSQL Server
  - Costs and resources management on Azure
  - Microsoft Service Request support management
  - Azure Kubernetes Service and migration from RedHat OpenShift and AKS on Azure Stack HCI
  - Azure Container Registry: integration and management (Docker + Kubernetes)
  - Messages Broker: RabbitMQ, VMware Tanzu RabbitMQ for Kubernetes and Shovel plugin
- January 2021 - May 2021 **Junior Network Engineer** LantechLongwave s.p.a

Operator of a Network Operation Center to support public and private companies. Skills and activities:

  - Maintenance and management of routers, switches, access points
  - Cisco, Aruba, HP
  - Network analysis and backup
  - Documentation and reporting
  - Configuration and maintenance of Icinga, Neteye and NeDi monitoring tools
  - Data integration and analysis via InfluxDB and Grafana
  - Unix/Linux Systems (CentOS, RedHat Enterprise)
  - Troubleshooting PaloAlto and Fortinet
- January 2016 - January 2018 **IT Consultant** Servizidoc s.r.l


IT operations and support. Skills and activities:


  - Network maintenance
  - Hardware and software support


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## Hobbies

 Bouldering, mountains, trekking, bushcraft

 Volunteer at Magazzini Sociali

 Passion for the world of computer security, ctf, bug searching

## Education

February 2023 - February 2024	<b>First-level Master in Cybersecurity</b> Lessons: <ul style="list-style-type: none"><li>- Python Course</li><li>- Data mining</li><li>- Networking</li><li>- Web technology</li><li>- Applied cryptography</li><li>- Network Security and Ethical hacking</li><li>- Operating Systems Security</li><li>- Digital Forensics</li><li>- Cyber Intelligence</li><li>- Complex network analysis</li><li>- Regulations on general data protection, GDPR and cybersecurity</li><li>- Java Fundamentals Course</li><li>- LAB Secure System Configuration</li><li>- LAB on DNS, DNSSEC</li><li>- LAB on Secure Tool</li><li>- Mobile and cloud security</li></ul> CFU: 60 Thesis: DEMIoT, a secure microservices IoT environment <i>Link to thesis</i>	Università di Pisa
November 2020 - September 2021	<b>Master 's Degree in Computer Security LM-66</b> <i>Interrupted</i> Exams obtained: 3/12 [Data and system security, Language-based technology for security, Systems and Languages for Informatics] CFU achieved: 30/120	Università di Pisa
September 2017 - September 2020	<b>Bachelor's Degree in Computer and Electronic Engineering L-8</b> Path: Computer engineering - Web systems Evaluation: 110/110 Thesis: Monitoring of an IT infrastructure by means of Open Source technologies: study and simulation <i>Link to thesis</i>	Università degli Studi di Ferrara

## Certifications

Cisco	<i>Cisco Certified Network Associate (CCNA 200-301)</i>
Azure	<i>Microsoft Azure Administrator (AZ-104)</i>

### Treatment of personal data

*I authorize the processing of personal data contained in my curriculum vitae in accordance with art. 13 D. Decree 196/2003 and art. 13 of EU Regulation 2016/679 on the protection of individuals with regard to the processing of personal data. Availing myself of the faculty granted by art. 46 to art. 76 D.P.R. 445/2000, aware of the responsibilities and penalties established by law for false statements and false declarations, under my personal responsibility I declare that the data entered in this CV are true.*