FrancescoPichierri

Senior Software Engineer
Engineering Manager

December 2, 1986
Via G.Marconi, 49 (CS)
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EDUCATION

MD *in Security Engineering*

PEGASO UNIVERSITY

Oct 2021 | Naples, IT
Graduation grade: *96/110*
Major GPA: *3.364/4.0*

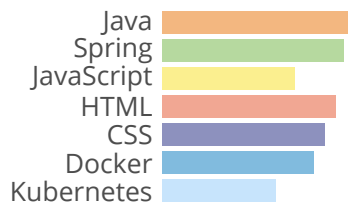**BS** *in Civil Engineering*

PEGASO UNIVERSITY

Feb 2020 | Naples, IT
Graduation grade: *102/110*
Major GPA: *3.636/4.0*

Scientific Diploma (PNI)

ENRICO FERMI HIGH SCHOOL

Graduation grade: *100/100*
July 2005 | Cosenza, IT

TECHNOLOGIES

- Java
- Spring
- JavaScript
- HTML
- CSS
- Docker
- Kubernetes

MANAGEMENT SKILLS

- Strategic Vision
- Data-driven Decisions
- Technical Leadership
- Continuous Improvement
- Advanced Problem-solving
- Effective Communication
- Resource Management
- Resilience and Adaptability
- Time Management
- Mentoring and Coaching

SOCIAL APPS

EXPERIENCE

Sep 2023 - now

Security Delivery - Associate Manager | Rende, CS   ACCENTURE S.p.A.

- **Management & Strategy:** Contributed to the management team with **strategic vision** and **cross-dept. coordination**; defined objectives and specs to align IT with business. Additionally, implemented *innovative approaches* for process optimization.
- **Migration & Remediation:** Directed the **migration** of 60 microservices, transitioning 3 apps from **OpenShift 3 → 4** while remediating flagged **security flaws** and addressing *critical vulnerabilities*.
- **Team Development:** Supported training and mentoring, fostering **team leadership** and continuous skill growth through *targeted coaching*.
- **Risk & Security Oversight:** Oversaw **risk management** and **security compliance**, integrating proactive measures against threats and ensuring *regulatory adherence*.
- **Collaboration:** Engaged with clients and teams to refine requirements, ensuring **effective communication** and *seamless integration* of solutions.
  - **Clients:** *Istituto Poligrafico Zecca dello Stato, Mediolanum, Banco Popolare Mediocrati, Deutsche Bank, Cattolica Assicurazioni, Generali Assicurazioni, Sara Assicurazioni.*
  - **Technologies:** *Java, Spring Boot, Angular, NodeJS, Thymeleaf, Javascript, jQuery, HTML, CSS, MySQL, MongoDB, AWS, Azure, Kubernetes, Docker, Git, GitLab.*

Apr 2022 - Sep 2023

Software Engineer - Senior Analyst | Rende, CS   FINCONS-GROUP S.p.A.

- **Process Improvement:** Key role in defining functional requirements and streamlining workflows for **efficiency**, implementing *best practices* in software development.
- **Backend Expertise:** Specialized in backend systems to boost **performance** and ensure seamless **integration** with legacy platforms, delivering *robust solutions*.
- **Documentation & QA:** Delivered detailed **documentation** and collaborated with QA for **quality assurance**, standardizing *process protocols*.
- **Cloud & Orchestration:** Use of **Kubernetes**, **Docker** and **AWS** to deploy containerized apps with high availability and *scalable architecture*.
  - **Clients:** *Philip Morris International, Jaggaer, Vittoria Assicurazioni.*
  - **Technologies:** *Java, Spring Boot, Thymeleaf, Javascript, jQuery, HTML, CSS, MySQL, Flyway, AWS, Kubernetes, Docker, Jira, Confluence, Bitbucket.*

Feb 2020 - Mar 2022

Full Stack Software Engineer | Milan, MI   BV-TECH S.p.A.

- **Application Development:** Designed and implemented internal applications that automated routine and manual processes, resulting in a measurable **40% reduction** in the operational effort required to manage support tickets and disaster recovery tasks.
- **Platform Engineering:** Engineered a scalable monitoring platform to manage alarms from multiple network assets, ensuring **high availability** and enabling *real-time incident tracking* across the organization.
- **Cross-team Coordination:** Acted as a key liaison between development and operations teams to enhance DevOps practices.
  - **Clients:** *Vodafone Italia, BV-Tech Helpdesk, BV-Tech SOC.*
  - **Technologies:** *Java, Spring Boot, Spring Security, Thymeleaf, Javascript, jQuery, HTML, MySQL, Flyway, AWS, Kubernetes, Docker, Jira, Confluence, Bitbucket.*

Languages

Italian	●●●●●●
English	●●●●●○○
French	●●○○○○○

Interests & Activities

Artificial Intelligence | Security | Cloud Computing

Tech Conferences   🎓 Strategy and Problem Solving

Chess & Gaming   🎮 Tech Enthusiast

SKILLS & STRENGHTS

Software Development
- Clean code principles and best practices
- Debugging complex systems and optimizing performance

Technical Leadership
- Coaching and mentoring junior developers
- Driving architectural decisions and technical roadmaps

Problem-Solving
- Designing efficient algorithms and data structures
- Breaking down complex challenges into manageable solutions

Project Management
- Agile and Scrum methodologies, sprint planning
- Cross-functional collaboration and stakeholders management

- strategic thinker
- collaborative leader
- continuous learner
- resilient under pressure
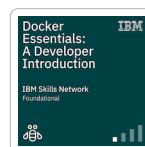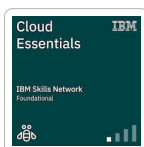- problem-focused mindset

COURSEWORK
- Advanced Graphic
- Object Oriented
- Operating Systems
- Electronic Calculators
- Programming Lab
- Networks Lab
- Calculators Architecture
- Automated Controls
- Algorithms
- Data Structures

EAGER TO DEEPEN...
- ...emerging AI and ML technologies
- ...business strategy and impact of technology

DIGITAL BADGES

Oct 2019 - Feb 2020

Software Developer | Rende, CS

🌐 **HYDRASOLUTIONS S.r.l.s.**

- **UI/UX Design:** Designed modern interfaces with **responsive UI** and **accessibility** best practices, ensuring *intuitive user interactions*.
- **Custom Web Solutions:** Managed bespoke website development using **PHP Drupal** and **Java Spring**, delivering *tailored digital solutions* to diverse business needs.
- **User-Centric Development:** Collaborated with experts to craft **engaging digital experiences** that drive user satisfaction and *brand differentiation*.
  - **Technologies:** *PHP, Drupal, Java Spring, Javascript, HTML5, CSS3.*

ADVANCED TRAINING COURSES

Dec 2020

Elements of AI | Cosenza, CS

🎓 **ATTENDEE**

- Specialized training program designed to deepen theoretical knowledge and practical skills in **Artificial Intelligence**, including *machine learning fundamentals*, *neural network architectures*, and *data-driven decision-making processes*.
- Engaged in extensive **hands-on exercises** focusing on *predictive modeling*, *classification algorithms*, and *optimization techniques* to build robust and efficient AI-driven solutions.
- Applied **international methodologies** and best practices to effectively integrate AI systems within various *business contexts*, promoting *innovation* and *digital transformation*.

May - Oct 2019

Cyber Intelligence & Malware analysis | Cosenza, CS

🎓 **ATTENDEE**

- Advanced training course, delivered in collaboration with **Poste Italiane S.p.A.**, **University of Calabria (UNICAL)**, and industry **cybersecurity experts**, aimed at enhancing competencies in *cyber threat intelligence* and *malware analysis*.
- Acquired practical skills in identifying, analyzing, and mitigating sophisticated **cyber threats**, performing *deep-dive investigations* into malware behaviors, *reverse-engineering malicious code*, and *exploiting vulnerabilities ethically*.
- Explored comprehensive **cybersecurity frameworks** and strategic approaches to strengthen system resilience, including *threat modeling*, *penetration testing methodologies*, *incident response strategies*, and effective *risk mitigation*.

CERTIFICATIONS AND ADDITIONAL TRAINING

Nov - Dec 2022

Level C1 Certificate in ESOL International | Arona, NO

🏛 **STUDENT**

Competence in English language proficiency at CEFR Level C1, certified by **British Institutes**.

Mar - Apr 2020

EIPASS Progressive Certificate | Santeramo in Colle, BA

🏛 **STUDENT**

Advanced proficiency in *Microsoft Word*, *Excel*, *PowerPoint*, and *Microsoft Access*, certified by **CERTIPASS**.

Jan - Jul 2014

Expert in Health Technologies | Rende, CS

🏛 **STUDENT**

Intensive high-level training in biomedical instrumentation, electrical safety verification, and medical device management, combining theoretical instruction and practical exercises.

Cosenza, CS, May 14th, 2025

Francesco Pichierri