

☎ +39 3425745817

✉ manfredipiraino@gmail.com

🔗 github.com/manfre3d

🌐 manfre3d.github.io/naw



MANFREDI PIRAINO

Software Engineer

WORK EXPERIENCE

Blue Reply – Consultant Software Engineer

2026 – Present

- **Avio Aero – Aerospace application development**

Key contributions: supporting the ongoing migration from a monolithic architecture to microservices, upgrading the application to the latest Angular and Spring Boot versions, and implementing new features with cross-functional teams.

Bit S.p.A (consulente per Blue Reply) – Full Stack Software Engineer

2022 – 2025

- **Reale Mutua Assicurazioni – Vites Project**

Key developer in the digital transformation of enterprise insurance systems. Designed a JSON-configurable UI generator integrated with Spring Boot microservices, cutting frontend implementation time by over 50%. Built a modern, scalable Angular frontend.

- **Bper Banca – ESB Middleware Project**

Developed and maintained ESB-layer microservices with Apache Camel and Spring Boot. Managed Kafka queues for message brokering across core banking systems. Set up monitoring with Kibana and Dynatrace, and CI/CD pipelines via Jenkins on OpenShift.

- **Faber – IoT Asset Monitoring Project**

Built real-time monitoring for industrial IoT sensors. Angular frontend, Express.js backend, sensor data handled with Cassandra (distributed NoSQL).

- **Leonardo Velivoli – INESS Project**

Developed and maintained the INESS application (WPF/.NET, MVVM) for aeronautical logistics. Created automated tests with Telerik Test Studio and Eggplant, reducing QA effort.

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, TypeScript, C#, SQL
- **Database:** Oracle, SQL Server, Cassandra, PostgreSQL
- **Backend & Frameworks:** Spring Boot, Flask, Apache Camel, Express.js, .NET/WPF
- **Frontend:** Angular, Vue
- **Messaging & Integration:** Apache Kafka, Apache Camel (ESB)
- **Microservices & Cloud:** Architetture a microservizi, REST APIs, Docker, AWS, OpenShift
- **CI/CD & DevOps:** Git, Jenkins, Pipeline CI/CD
- **Monitoring:** Kibana, Dynatrace, Splunk
- **AI & Data:** OpenAI API, Embeddings, Vector Databases

EDUCATION

Pegaso University
2024 – 2025

BSc in Computer Science – 109/110

Boolean Careers
2021–2022

Master in Web Development

Pegaso University
2019–2021

MSc in Computer Security Engineering – 110/110 cum laude

Pegaso University
2017–2019

BSc in Civil Engineering – 100/110