

Federica Duraccio

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EXPERIENCE

• Iriscube Reply

Oct 2023 - Present

Consultant - Lead Front-End Developer - Team Management Focus

Milano, Italia

- Modernized internal banking systems for **Intesa Sanpaolo Filiale Digitale**, reducing processing time by **25%** and enabling scalability for over **8 million users**.
- Led a team of 5 to develop *IsyPrestito*, a digital lending solution, achieving a **40% increase in loan applications** via a seamless omnichannel solution adopted by **3,000+ branches**.
- Optimized resource planning, increasing team productivity by **20%** through efficient micro-planning and performance evaluations.
- Built a **customer account workflow** for **BPER**, using **Angular 14** and **Microfrontend architecture**, powered by **Webpack**, delivering a scalable solution.

• Iriscube Reply

Oct 2022 - Oct 2023

Consultant - Lead Front-End Developer

Milano, Italia

- Promoted to Lead Developer, managing 4 developers to launch *Anticipo Stipendio* and *Spensierata*, driving a **20% increase in customer engagement** and expanding **IsyBank's** digital lending reach.
- Created a hybrid **Angular app** for **IsyBank's Mobile App**, supporting over **450,000 active users**.
- Enhanced UI with **Adobe XD** prototypes, improving customer satisfaction scores by **20%**.
- Designed reusable, customizable loan processes, enabling a **40% reduction in time-to-market** for new digital finance products.

• Iriscube Reply

Oct 2020 - Oct 2022

Consultant - Front-End Developer

Milano, Italia

- Contributed as a *Front-End Developer* for *Retail Lending Open* at **Intesa Sanpaolo**, enhancing the *customer journey* by streamlining the lending process and reducing page load times by **40%**.
- Designed scalable, responsive interfaces using **Angular 7**, increasing development efficiency by **15%** through reusable components.
- Built reusable UI components in a **Microservices architecture**, ensuring seamless integration and reducing debugging time by **30%**.

• AIRLab POLIMI

Sep 2022 - May 2023

Master Thesis Researcher

Milano, Lombardia, Italia

- Researched **emotion detection** using **Python** and **accelerometers** in wearable device networks, achieving **85% classification accuracy** with **RNNs, CNNs, and DNNs**.
- Tested algorithms on a **custom robot** in the Physical Metaverse, reducing detection latency by **20%**.
- **Publication:** *Exploiting Accelerometers for Emotion Recognition in the Physical Metaverse Context*. Master's Thesis, Politecnico di Milano, Cirillo, Pasquale; Duraccio, Federica (May 4, 2023).

• Sense Square

May 2020 - July 2020

Software Engineering Intern

Salerno, Remote

- Designed and implemented a **Python-based ETL tool** to process and analyze **atmospheric pollution data**, improving processing efficiency and data workflow automation.
- Automated data pipelines to ensure accuracy and consistency, reducing manual intervention significantly.

EDUCATION

• Politecnico di Milano

September 2020 - May 2023

Master Degree in Computer Science and Engineering

Milano, Italy

- Grade: 106/110

• Università degli Studi di Salerno

September 2017 - July 2020

Bachelor Degree in Computer Engineering

Salerno, Italy

- Grade: 110L/110

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, HTML, CSS, SCSS. **Web Development:** Angular, Node.js, REST APIs, CSS Grid, Flexbox. **Architecture:** Scalable Design, Performance Optimization, Accessibility. **DevOps:** Google Cloud, Bitbucket, Jenkins, Git. **Tools:** Figma, Jira, Confluence, Trello. **Specialized:** Front-End Architecture, Omnichannel Design, Web Accessibility.

PROFESSIONAL SKILLS

Leadership: Delegation, people leadership, coaching and training, team coordination. **Communication:** Client interaction, cross-team collaboration. **Problem Solving:** Root cause analysis, innovative solutions. **Time Management:** Prioritization, deadline adherence. **Adaptability:** Quick learner, thrives in dynamic settings.