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## EXPERIENCE

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### Software Engineer

Oct 2022 – Present

*Tinexta Cyber, Trieste, Italy*

- Maintained and improved **frontend** and **backend** services for a **telecom inventory system** managing **10,000+ devices**, achieving near to **100%** network coverage (**Java, Spring Boot, JavaScript, React**)
- Designed and implemented a **Python-based data synchronization pipeline**, improving **daily reconciliation accuracy** to **99.9%** and reducing **manual intervention** (**Python**)
- Developed a **Kotlin microservice** to synchronize **IPAM data** in **real time**, eliminating errors from manual input and improving data consistency by **99%** across distributed systems (**Kotlin**)
- Created an **interactive network visualization tool** to map **device connections** from structured data, improving **troubleshooting efficiency** (**TypeScript, React**)
- Integrated an **in-browser code editor** using **Monaco**, eliminating reliance on external IDEs and improving **developer workflow efficiency** (**JavaScript, React**)
- Designed modules for **cybersecurity compliance tooling** based on **CCAMM**, supporting **enterprise risk assessment processes** (**Java, Spring Boot, JavaScript, React**)

## PROJECTS

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### Rarity (Mobile App)

- Built a cross-platform **iOS** and **Android** app to digitize **Pokémon card collections**, integrating **camera-based auto-detection** thanks to a fine-tuned **EfficientNet-Lite model** for real-time card recognition
- Leveraged AI coding agents (**Claude Code, OpenCode**) to accelerate prototyping and reduce development time

### Smoovie (Android App)

- Developed an **Android app** to search movies and TV shows via a public API, delivering a fast and responsive user experience, with real-time data retrieval and caching to optimize performance

## EDUCATION

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### Bachelor of Science in Computer Science

Oct 2020 – Jul 2023

University of Milan - Bicocca, Milan, Italy

## SKILLS

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**Languages:** Java, Kotlin, Python, JavaScript, TypeScript

**Frameworks:** Spring Boot, React, Node.js, Django, Flask

**Technologies:** Docker, Kubernetes, RabbitMQ, Jenkins, ArgoCD

**Databases:** PostgreSQL, MySQL, MongoDB

**AI Tools:** OpenCode, Claude Code, GitHub Copilot

## LANGUAGES

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English (Fluent), Italian (Native), Serbian (Native)