

{Krenar Hoxha}

Software Engineer

Milan, Italy

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Experience

Blue Reply – Financial Services

Milan, Italy

Software Engineer - Banking

Apr. 2024 – Present

• UniCredit

- Maintained on the Digital Onboarding backend within a multi-tiered and microservices architecture
- Led the design of the *Corporate Cards* process, allowing corporate clients to issue cards to their employees
- Built a fault-tolerant analytics pipeline integrated with Palantir to handle large data volumes and recover failed or missing reports

• Credit Agricole

- Designed and implemented external system integrations for contract closure, installment planning, payment initiation, and KYC processes, serving 200,000+ users
- Migrated *My CA Autobank Customer Portal* to distributed microservices and applied reactive programming to improve scalability and responsiveness, reducing average request latency by 30%

Inspect.it

Arezzo, Italy

Software Engineer

Sept. 2020 – Sept. 2022

- Contributed to the development and maintenance of *Aruba's Customer Portal*, helping deliver a reliable and well-functioning platform
- Collaborated within cross-functional Agile teams, partnering with engineering, QA, and business stakeholders
- Used Jira and Confluence for task planning, sprint tracking, and documenting project activities

Erasmus+

London, United Kingdom

Erasmus Internship

June 2016 – July 2016

- Designed and developed a company website with a minimal design and a well-organized content structure
- Strengthened English communication skills through daily professional interactions during a one-month Erasmus+ internship in high school

Education

Università degli Studi di Milano

Milan, Italy

Master's degree in Cybersecurity

Dec. 2024

- Most relevant courses: Risk Analysis and Management, Network Security, Computer Forensics, Cryptography, Biometric Systems, Privacy and Data Protection, Processing of Sensitive Data (GDPR)
- Thesis: "Analysis and Implementation of Visual Cryptography Techniques for Video Streams"

CyberChallenge.IT

Milan, Italy

Training program in cybersecurity organized by the Cybersecurity National Lab

July 2023

- Participated in the 2023 edition of the CyberChallenge.IT project organized by the Cybersecurity National Lab of CINI at the University of Milan, competing in the local competition on May 31, 2023, and in the national competition on June 29, 2023
- Completed a structured training course in cybersecurity, covering ethical hacking, web security, cryptography, reverse engineering, binary exploitation, and secure coding practices based on the OWASP Top 10

Università degli Studi di Firenze

Florence, Italy

Bachelor's degree in Computer Science

Apr. 2022

- Most relevant courses: **Programming Methodologies**, Concurrent Programming, **Algorithms and Data Structures**, Databases and Information Systems, Computer Architectures, Operating Systems

Skills

Programming Languages Java, SQL

Frameworks & Technologies Spring Boot, Spring WebFlux, Reactive Programming, Maven, Docker, Git, REST APIs

Databases & ORM PostgreSQL, MySQL, Hibernate, JPA, Liquibase, MyBatis

Achievements

2025 **Hack The Code Challenge**, Second place among 187 teams

Milan, Italy

2023 **Cyberchallenge.IT**, Top 20 - Italian National Competition

Turin, Italy

2022 **First Certificate in English (B2)**, Cambridge University Press & Assessment