

Manuel Arto

ABOUT ME

Passionate about the IT world since childhood, I am currently taking a Master's degree in Computer Science at the University of Bologna. I completed the Bachelor's degree while doing a part-time job as a backend developer. My main interests are backend development and blockchain.

WORK EXPERIENCE

SEP 2021 - SEP 2023

Net Service, Bologna

Software Engineer

- Management and development of a platform for collecting data on court proceedings for more than 40 credit institutions.
- Development of a 5 microservices system using Spring Boot and OpenShift for deployment.
- Migration from silos to multitenant architecture saving more than 80% in resources.
- Integration of Apache Camel, ActiveMQ and ETL script development to handle a data stream of more than 100 million records.
- Test-Driven Development (TDD) via JUnit for new feature development, for 75% coverage.

OCT 2019

MySponge, Vilnius Lithuania

Erasmus +

- UI/UX improvements via Wordpress of the e-commerce website.
- Integrated tracking system for product visibility in more than 100 outlets.
- Using Trello as a task management tool.

SIDE PROJECTS

2023 **Livechat**

- *Mobile application with advanced social features such as real-time chat, location sharing and a leaderboard based on daily step counts.*
- *Python, Flutter, Websocket, MongoDB, JWT*

2022 **CrazyPlayer**

- *AI player capable of playing optimally in all possible instances of the M,N,K-game.*
- *Ranked first in the tournament among various players created by students*
- *Java, Game Tree, Algorithms, Data Structure*



Bologna

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Github

LinkedIn

EDUCATION

2023-2025

Computer Science

MASTER'S DEGREE

University of Bologna

2020-2023

Computer Science

BACHELOR'S DEGREE

University of Bologna

COURSES

MAY 2020

Flutter&Dart - Complete Guide

UDEMY

42h, certificate link

2020-2023

Blockchain Developer, Smart Contract, & Solidity Course

YOUTUBE

Full course beginner to expert, github repo

COMPETITIONS

MAY 2019

National IT Competition

*Classified 5th in the entire country
UML design and Java development*

2019

Italian Olympiad in Informatics

Competitive programming in C++

SKILLS

TECHNICAL

Python, Java, Solidity, Go, Node.js, Flutter, C++, Svelte, Vue, MongoDB, PostgreSQL, Blockchain, Docker, Kubernetes, ETL, Git, Design, Testing

SOFT

Collaborate, Communication, Fast, Passion