MICKOL ROE BARONIA LASQUETY
JUNIOR SOFTWARE DEVELOPER

Recent graduate in Cinema and Media Engineering at Politecnico di Torino, specializing in programming and web development. My background in digital technologies and VFX taught me to work with complex technical workflows, while university projects allowed me to build solid experience with Python (OOP), C, JavaScript/TypeScript, React, Flask, and SQL. I am highly motivated to grow as a software developer, learn fast, and contribute to real-world applications.

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PROJECTS

CrimeUK – Geospatial Crime Data Visualization Platform
React · TypeScript · REST API · useReducer · Interactive Maps
Frontend web application that visualizes UK crime data on interactive maps, with filtering by year, month, and geographic area. Implemented reducer-based state management, asynchronous data fetching, and modular UI components.
GitHub: https://github.com/Mickrbl/crimeuk
Live demo: https://crime-uk.vercel.app

DoughFinder – Crowdfunding Platform
Python · Flask · Jinja2 · PostgreSQL · Cloudinary
Full-stack crowdfunding web app with user authentication, campaign creation/editing, donation tracking, and image uploads. Implemented server-rendered pages with Jinja2, integrated PostgreSQL (migrated from SQLite), and used Cloudinary for reliable image storage and delivery.
GitHub: https://github.com/Mickrbl/doughfinder
Live demo: https://doughfinder.onrender.com/

TECHNICAL SKILLS

Programming languages
Python (Object-Oriented Programming)
JavaScript, TypeScript
C
Frontend Development
React
HTML5, CSS3, Responsive UI (Bootstrap)
State management (hooks, useReducer, useContext)
Interactive maps (Leaflet)
Data visualization (charts, dashboards)
Backend Development
Flask (Python)
Jinja2 (server-side rendering)
REST APIs
Authentication and CRUD operations
Databases
SQL (queries, joins, normalization), SQLite
PostgreSQL (basic usage, migrations)

EDUCATION

Bachelor's Degree (L-8) – Cinema and Media Engineering
Politecnico di Torino (2020-2025)
Relevant courses:

Graphic User Interfaces (React, TypeScript)

Web Applications Development (Flask, Jinja2, Bootstrap, REST APIs, SQL)

Algorithms and Object-Oriented Programming (Python)

Databases (SQL fundamentals)

Computer Science Fundamentals (C programming, basic data structures)

Computer Networks (TCP/IP fundamentals)

Master, Digital Compositing in Nuke
Event Horizon - School of Digital Art (2019-2020)
During my studies, I worked as a junior compositor in film productions, where I learned to collaborate in fast-paced teams, respond to feedback, and meet strict project requirements. These experiences improved my communication, adaptability, and problem-solving.

Scientific High School (Applied Sciences)
Liceo Salesiano Valsalice (2012 - 2017)
Followed an Applied Sciences curriculum with a focus on computer science, from Scratch to C programming, HTML/CSS, and introductory web development.

OTHER WORK EXPERIENCE
Event Staff / Floor Supervisor
Rear Multiservice Group (2024-present)
- Team coordination and customer support in high-pressure environments
- Strong reliability, time management, and procedural compliance

CERTIFICATIONS
IELTS Certificate 7.0 - C1 (12/2023)

LANGUAGES
Italian (Native), Tagalog (Bilingual), English (C1)