

Luigi Mangione

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Technical Skills

- **Programming Languages & Frameworks:** Java, Spring Boot, JavaScript, TypeScript, React, Next.js, Node.js, Dart (Flutter)
 - **Backend & API Development:** REST API design, microservices architecture, real-time processing
 - **Mobile Development:** Flutter, cross-platform app development
 - **Databases:** MySQL, PostgreSQL, MongoDB, Oracle DB
 - **Cloud & DevOps:** AWS, CI/CD pipelines, Docker, Kubernetes, Jenkins, Git, Maven, npm
 - **Software Development Practices:** Agile methodologies, test-driven development (TDD), system design
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Work Experience

Jakala | Backend Developer

March 2023 – Present

- **Engineered and maintained** REST APIs for loyalty platforms, improving customer engagement and retention.
- **Designed and coordinated** the backend technical implementation for a project, including **API architecture, batch processing, and database design.**
- **Collaborated with cross-functional teams** to define API requirements and ensure seamless system integration.
- **Optimized backend performance**, reducing API response times and enhancing scalability.

Exprivia | Web Developer

May 2022 – March 2023

- Developed and maintained **web applications** using the **Spring framework ecosystem.**
- Optimized existing codebases and implemented new features based on **client specifications.**
- Improved application performance and system maintainability through **refactoring and best practices.**

Exprivia | R&D Developer Intern

November 2021 – April 2022

- **Developed a demo** real-time action recognition application using **Mediapipe Pose Detection** for motion analysis via a live camera feed.
 - **Trained and tested** an action recognition model using **CTR-GCN** on the **NTU RGB+D 60 Skeleton** dataset to explore skeleton-based recognition techniques.
 - **Implemented a prototype** integrating deep learning pipelines for **skeleton-based action recognition**, demonstrating real-time feasibility.
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Education

Università degli Studi di Bari A. Moro

Bachelor's Degree in Computer Science | September 2018 – April 2022

ITIS Sen. O. Jannuzzi di Andria

Information Technology Specialization | September 2013 – July 2018