

# Yassine Gourram

Software Engineer | CS Graduate

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## **Summary**

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Software Engineer with a solid Computer Science foundation and hands-on experience in enterprise systems. Always eager to learn and improve my skills and knowledge.

## **Education**

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**University of Milan**, BSc in Computer Science – Milan, Italy

Feb 2025

- Contributed to research on optimizing autonomous vehicle platooning in urban environments, using DSRC, 5G and ML technologies. Thesis awarded full marks.

## **Experience**

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**Associate Software Engineer**, PricewaterhouseCoopers (PwC) – Milan, Italy

Mar 2025 – Aug 2025

Contributed to the modernization of an internal Wealth Management system for a major Italian banking group.

- Migrated legacy backend services to a Microservices architecture using Java Spring Boot to enhance system scalability.
- Developed specialized dashboards in Angular allowing financial advisors to interact with complex portfolio data and analytics.
- Integrated Apache Kafka for data synchronization between legacy mainframes and microservices, and managed automated GitOps deployments using ArgoCD.

## **Projects**

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### **GamesToShare**

Web platform designed for sharing video game libraries.

- Facilitated game library sharing for a growing international community, connecting users worldwide to exchange access to thousands of titles.
- Built using Next.js, PostgreSQL, Prisma and Tailwindcss.

### **University Portal**

Academic management system for university services.

- Developed a web-based portal to manage student data and exams, ensuring compliance with university constraints such as course prerequisites.
- Built using PHP, PostgreSQL and Bootstrap.

### **SNM**

Playlist sharing platform with custom Spotify client.

- Developed a music sharing web application that interacts directly with Spotify backend services.
- Built using Express.js, JWT, MongoDB and Bootstrap.

## **Skills**

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**Languages:** Java, Python, TypeScript, JavaScript, SQL, C++, PHP, Go

**Technologies:** Spring Boot, JPA/Hibernate, Kafka, Angular, React, Next.js, PostgreSQL, Oracle, MongoDB

**Tools:** Git, AWS, Vercel, Docker, ArgoCD, Prisma, Linux, Postman, VS Code