

Professional Profile

Highly motivated and results-oriented recent graduate with a strong foundation in backend development and a passion for applying AI technologies. Seeking an internship as a Generative AI Engineer, eager to contribute to the development and optimization of advanced AI systems, leveraging expertise in Python, Machine Learning, and Large Language Models (LLMs). Possesses a proven ability to collaborate effectively in remote team environments and a strong startup mindset.

Experience

Backend Developer (Junior) | TechSolutions Srl, Milano | July 2023 – Present

- Designed and developed RESTful APIs using Node.js and Express.js to support web and mobile applications, demonstrating proficiency in backend architecture.
- Collaborated with the frontend team to seamlessly integrate APIs, resulting in improved application efficiency.
- Optimized SQL queries on MySQL databases to ensure high performance, showcasing practical database management skills.
- Implemented Redis caching solutions to reduce application response times, demonstrating an understanding of performance optimization techniques.
- Wrote unit tests using Jest to ensure code quality, highlighting a commitment to robust software development practices.
- Participated in Agile meetings and managed tasks using Jira, demonstrating experience in Agile development methodologies.

Backend Developer (Stage) | Digital Innovations, Milano | September 2022 – June 2023

- Supported the development of Java microservices for managing backend operations in enterprise applications.
- Managed data streams using Kafka to ensure application scalability, showcasing experience in handling large datasets.
- Utilized Docker for containerization and management of the development infrastructure, demonstrating experience in DevOps practices.
- Wrote automation scripts in Python to facilitate maintenance and monitoring operations, demonstrating a proactive approach to problem-solving.

Education

Laurea Triennale in Informatica | University of Milan | September 2019 – June 2022 | 105/110 * Thesis: "Optimizing REST APIs for High-Scalability Applications" – This project directly relates to the challenges faced in building efficient AI systems.

Technical Skills

- **Programming Languages:** Java, JavaScript (Node.js), Python
- **Frameworks:** Express.js, Spring Boot, (Django - Basic)
- **Databases:** MySQL, PostgreSQL, Redis, MongoDB
- **Tools:** Docker, Git, Jira, (Jenkins)
- **Methodologies:** Agile (Scrum), CI/CD
- **Testing:** Jest, JUnit
- **AI/ML:** (Highlight specific ML experience from projects if applicable; mention familiarity with LLMs – Claude, LangChain, etc., as indicated in the job description)

Personal Projects

- **E-commerce API:** Developed a RESTful API for an e-commerce system using Node.js and MongoDB, showcasing skills in designing and implementing complex backend systems. (github.com/lucarossi/ecommerce-api)

Languages

Italian (Native), English (Conversational)

This revised resume emphasizes skills and experiences directly relevant to the Generative AI Engineer position. Remember to replace the bracketed information with specific details from your projects and experiences to further strengthen your application. Consider adding a section specifically highlighting your experience with Large Language Models if applicable.