



## Alessandro Grotti

**ID:** CA52792KH

**Work permit:** Italian

**Date of birth:** 04/10/2003

**Place of birth:** Bologna, Italy

**Nationality:** Italian

**Gender:** Male

## CONTACT

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## WORK EXPERIENCE

**Laif S.r.l.** Bologna, Italy

### Internship - Full Stack Developer

17/02/2023 – 31/05/2025

*Technologies: React, Node.js, TypeScript, CSS, FastAPI, SQL, SQLAlchemy*

During my internship, I contributed to the development of the company's web application by implementing various managerial and economic features, improving both functionality and user experience.

**Laif S.r.l.** Bologna, Italy

### Full Stack Developer

01/06/2025 – Current

- Design, develop, and maintain custom web applications for multiple clients, ensuring scalability, performance, and security.
- Work across the entire stack — from frontend (React, Next.js) to backend (Node.js, Python, or PHP) and database management (PostgreSQL, MySQL, MongoDB).
- Collaborate closely with clients to analyze requirements and transform business needs into effective technical solutions.
- Integrate AI-powered services and automation tools to improve customer experience and optimize internal processes.
- Contribute to DevOps workflows, including Docker-based environments, CI/CD pipelines, and cloud deployments (AWS).
- Support ongoing maintenance and debugging, ensuring reliability and continuous improvement of delivered products.

## EDUCATION AND TRAINING

15/09/2017 – 30/06/2022 Bologna , Italy

### High School Diploma – Scientific High School, Applied Sciences option N. Copernico Scientific High School

Curriculum focused on mathematics, physics, computer science, and laboratory activities. Emphasis on analytical and problem-solving skills.

**Website** <https://liceo.copernico.bo.it/> | **Field of study** Applied Sciences |

**Final grade** 92/100 | **Level in EQF** EQF level 4

01/09/2022 – 29/10/2025 Bologna , Italy

### Bachelor Degree in Informatica per il Management University of Bologna

#### Main subjects:

- Computer programming and software development (Java, Python, JavaScript)
- Web and mobile application development (React, Node.js, database integration)
- Database systems and data management (SQL, NoSQL, data modeling)
- Information systems and IT management
- Business administration, finance, and project management
- Data analytics fundamentals
- Networking and IT infrastructure basics

#### Occupational skills covered:

- Full stack software development and deployment
- Designing IT solutions aligned with business needs
- Problem-solving and analytical thinking in technical and managerial contexts
- Working with cloud platforms and DevOps workflows
- Integrating AI tools to support business processes
- Team collaboration and project management in agile environments

**Website** <https://corsi.unibo.it/laurea/InformaticaManagement> | **Field of study** Computer Science with Business Management Foundations | **Final grade** 110/110 with honors |

**Level in EQF** EQF level 6 | **National classification** 6 | **Type of credits** ECTF |

**Number of credits** 180 | **Thesis** Analisi di bilancio: Web Application a supporto delle decisioni

01/09/2025 – CURRENT Cesena, Italy

## Master's Degree in Digital Transformation Management University of Bologna

Website <https://corsi.unibo.it/2cycle/DigitalTransformationManagement> | Field of study Economy, Management and Digital Transformation | Level in EQF EQF level 7

### LANGUAGE SKILLS

**MOTHER TONGUE(S):** Italian

**Other language(s):**

English

Listening B2

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

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*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

### SKILLS

#### TECHNICAL

Databases and data management (PostgreSQL, MySQL, MongoDB; data modeling; basic AI integration) | Full stack development (JavaScript: React, Node.js, Next.js; Python, PHP) | Tools & workflows (Git/GitHub, Agile/Scrum, frontend UI libraries like Tailwind) | DevOps & deployment (Docker, CI/CD pipelines, AWS, ECS, S3)

#### BUSINESS

Requirement analysis and translating business needs into technical solutions | Software project estimation and planning | Understanding client workflows and project management

#### SOFT SKILLS

Adaptability and rapid learning of new technologies | Client communication and stakeholder interaction | Problem-solving and troubleshooting | Team collaboration