

Zakaria Belfakhir

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WORK EXPERIENCE

Aesthetic Machinery Company

Mar. 2025 – Present

AI & Software Developer

Bergamo, BG

- Developing AI-powered software for automated skin analysis and treatment optimization.
 - Stack: Python (YOLO, Flask); JavaScript (React Native); Node.js; TensorFlow; Api REST.
- Core responsibility
 - Trained a Computer Vision AI model for real-time skin imperfection detection.
 - Built a React Native app for seamless data visualization & user interaction.
 - Integrated AI-driven software into treatment machines, set for nationwide deployment.

Reservice

Feb. 2024– Present

Full Stack Developer

Dalmine, BG

- Reservice is a booking service startup competing with Treatwell, focused on streamlining appointment scheduling for beauty and wellness businesses.
- Leading full-stack development across web and mobile platforms, from backend architecture to UI implementation.
 - Stack: Next.js, React JS, React Native, TypeScript, Node.js, GraphQL (Hygraph), Expo, Tailwind CSS
- Core responsibility
 - Built a GraphQL-powered backend with Hygraph for efficient database management.
 - Developed a Next.js web app with a modern React & Tailwind UI.
 - Currently building a React Native mobile app for seamless iOS & Android experiences.

EDUCATION

Institute of Technology

2028

BSc Honours in Computer Engineering and Artificial Intelligence(laurea)

ITI Guglielmo Marconi, Bergamo

2025

Computer Science Diploma

- Final Grade: 100/100 (expected)

TECHNOLOGIES, SKILLS & INTERESTS

Technologies:

- AI & Machine Learning: Neural Networks, Computer Vision, Deep Learning (TensorFlow, PT)
- Software Development: Full-Stack Web & Mobile (Next.js, React Native, Node.js, Tailwind)
- Databases & APIs: GraphQL (Hygraph), PostgreSQL, MySQL
- Infrastructure & DevOps: Linux (Ubuntu), Nginx, Cloud Services

Soft Skills:

- Languages: English (B2+), Italian (Native)
- Strong motivation to learn and curiosity, especially in AI & Quantum Computing
- Excellent communication skills
- Experience working with ambiguous problems and Various technologies

- **Interests:** AI & Quantum Computing (the future of tech), Machine Learning, Traveling, Games, Sci-Fi