



DENIS M. XHABRAHIMI

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Nationality : American | Swiss Permit B
Date of Birth : 19 August 2002

PROFILE

Master's in Data Science candidate at the University of Basel with hands-on software development experience spanning full-stack web development, ERP/IMS deployment and IT infrastructure support. Skilled in Python, Java and PHP full-stack development, cloud platforms (AWS) and high-performance computing (Slurm). Fluent in English and Albanian, upper-intermediate German; seeking an entry-level developer or data engineering role where I can apply my technical skills and project experience.

PROFESSIONAL EXPERIENCE

RYCO (Regional Youth Cooperation Office)

September 2023 - January 2026

Technology Officer

- Contribute to solving immediate issues affecting the organization's workflow.
- Designed and built an AI-powered chatbot demo for job listings across all 6 Western Balkan countries, initially using Microsoft Copilot, then evaluating and adopting the Grok LLM for the final solution.
- Maintain RYCO's software and hardware systems, providing technical support and ensuring efficient operations.
- Conduct market research for IT solutions and supported the migration to Microsoft 365.

White Dream Hotel

February 2021 - June 2023

Assistant Manager

- Managed daily hotel operations and staff coordination.
- Supervised guest services and operational workflows.
- Coordinated reservations, customer relations, and administrative processes.
- Assisted with technology and IT-related improvements.

FAB Construction

October 2021 - September 2023

Junior IT Consultant

- Deployed an Enterprise Resource Planning (ERP) software and Inventory Management System (IMS), increasing the working environment's efficiency.
- Led strategic IT roadmap and fostered cross-departmental collaboration to streamline workflows and enhance operational efficiency.
- Ensured business continuity with robust disaster recovery plans.

AKSHI

June 2021 - October 2021

Entry-Level Front-End Developer

- Developed and maintained responsive, user-centric interfaces for government web applications using HTML5, CSS, and JavaScript.

EDUCATION

Master of Science in Data Science

September 2024 - June 2027 (Expected)

University of Basel, Switzerland

Bachelor of Science in Computer Science

Graduated June 2024

University of New York Tirana, Albania | GPA: 3.5/4.0

SKILLS

- **AI & Automation:** Microsoft Copilot, LLMs (Grok), AI Agents, Microsoft 365
- **Software Development:** PHP, Laravel; Python, Django; Java, Spring Boot; C++
- **Databases:** SQL, MongoDB
- **Web Development:** HTML5, CSS, JavaScript
- **Cloud & Tools:** AWS, Slurm

LANGUAGES

- English (Native)
- Albanian (Native)
- German (Upper-Intermediate)
- Italian (Basic)