

# SEBASTIAN UTOIU

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[LinkedIn Profile](#) | [GitHub Profile](#)

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## SUMMARY

IT Consultant & Software Developer with 3+ years of experience in IT consulting, application development, and system optimization. Proven track record of improving system stability by 10% and reducing error rates by more than 15% for enterprise clients.

Currently advancing toward Cloud Architecture specialization through the Microsoft Azure certification pathway. Based in Switzerland with a B permit, seeking Cloud Engineer/Architect opportunities.

## TECHNICAL SKILLS

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- **Cloud & DevOps:** Microsoft Azure (Compute, Storage, Networking, Security, AI), Terraform, Bicep, GitHub Actions - **basic level**
- **AI & Data:** Azure AI services, Data Visualization (Excel, Tableau) - **basic level**
- **Programming & Development:** Python (Basic), Kotlin, TypeScript (Basic), FastAPI (Basic), React, Supabase
- **Other:** SQL, Database Management, Technical Documentation, Consulting - **advanced**

## PROFESSIONAL EXPERIENCE

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### Cloud Architect Career Development (Self-directed)

*Professional Development – Azure, AI & Security | Jul 2025 – Present | Basel, Switzerland*

- Currently investing in professional development to become a **Cloud Architect** specialized in Microsoft Azure, AI, Security, and Infrastructure as Code.
- Following Microsoft's structured certification roadmap, complemented by HashiCorp Terraform Associate, with a clear path from fundamentals → specialization → architect level.
- Applying knowledge through hands-on SaaS platforms, APIs, and cloud-native projects

### Certification Roadmap

- **Phase 1 – Foundation:** AZ-900 | SC-900
- **Phase 2 – Administration and Security:** AZ-104 | AZ-500 | DCA (Docker Certified Associate)
- **Phase 3 – Architecture and Orchestration:** AZ-305 | CKA (Certified Kubernetes Administrator)
- **Phase 4 – AI and Data Science:** AI-900 | AI-102 | DP-100
- **Phase 5 – Infrastructure as Code (IaC):** Terraform Associate (HashiCorp Certified)

## Founder of Klimetria

*Self-employed | Mar 2025 – Present | Remote (Switzerland)*

Klimetria is a project I founded to explore the intersection of cloud technology, AI, and sustainability. The goal is to build a Swiss-focused platform that helps individuals measure and reduce their carbon footprint, while aligning with local and EU sustainability initiatives.

### Key activities & progress:

- Designed the carbon footprint calculator tailored for Swiss lifestyles (mobility, energy, diet, consumption).
- Built the MVP with, TypeScript (web), FastAPI (backend), and Supabase (database).
- Currently in development phase: implementing personalized recommendations, local carbon offset projects, and a marketplace for sustainability initiatives.
- Roadmap includes migration to Microsoft Azure for scalability, compliance, and AI-driven personalization.

This is a self-driven project/startup initiative, currently in the MVP development stage, and part of my journey to gain hands-on expertise in Cloud Architecture, AI, and Security.

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## Relocation to Switzerland

*Career Break | Oct. 2024 – Mar. 2025 | Remote (Switzerland)*

Relocated to Switzerland ( B permit holder) to establish a long-term career path. During this transition period, I also launched an e-commerce website on Shopify.

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## Consulting System Engineer

*Minsait | Sept 2023 - Sept 2024 (1 year)*

- Maintained enterprise software applications for 4 major clients, improving system stability by 10%.
- Developed Python automation scripts, reducing manual processing time by 20% (200+ hours/month saved)
- Managed SQL databases for electricity services clients, ensuring 99.9% uptime.
- Led troubleshooting initiatives, resolving 95% of customer technical issues.

**Technologies:** Python, SQL, Oracle, enterprise monitoring tools

## Junior Android | UI Developer

*Plin Tech | Nov 2022 - Aug 2023 (1 year)*

- Developed and maintained Android applications using Kotlin as the primary programming language
- Created responsive user interfaces with Jetpack Compose and XML layouts
- Implemented API integration using Retrofit for seamless data exchange between applications and servers
- Designed logical schemas and diagrams to structure project requirements into development roadmaps
- Produced comprehensive technical documentation for clients, improving handover processes
- Collaborated with cross-functional teams to ensure timely project delivery

## Information Technology Consultant

*Minsait | Mar 2020 - Oct 2022 (2 years)*

- Provided maintenance and support for software products in the company's portfolio
- Conducted testing to ensure compliance with functional and technical requirements
- Collaborated with stakeholders to gather requirements and provide status updates
- Assisted in troubleshooting technical issues for internal and external users

## EDUCATION

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### Computer Science Master's Degree

Politehnica University of Bucharest | Sept 2021 - Jun 2024

- Specialized in software services and platforms
- Key courses: Cloud Computing, Big Data, Internet Application Development, IT Service Consultancy
- Acquired skills in business process modeling, software development, IT system auditing, and research

### Bachelor of Business Management

University Artifex of Bucharest | Oct 2018 - Jun 2021

- Focus areas: Consumer behavior analysis, market trends, digital marketing, brand management
- Developed skills in data analysis and marketing strategy development

## CERTIFICATIONS

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### In Progress:

- Microsoft Certified: Azure Fundamentals (AZ-900) – expected September 2025

### Planned Roadmap:

- AI-900: Azure AI Fundamentals
- SC-900: Microsoft Security, Compliance & Identity Fundamentals
- AZ-104: Azure Administrator Associate
- AI-102: Azure AI Engineer Associate
- DP-100: Azure Data Scientist Associate
- AZ-305: Azure Solutions Architect Expert
- HashiCorp Certified: Terraform Associate (003)

### Completed (Other Technical Courses):

- **Ultimate SQL Oracle** - Udemy
- **Basic Prompt Engineering** - Codecademy
- **Excel for Data Analytics** - Analyst Builder
- **MySQL for Data Analytics** - Analyst Builder

## LANGUAGES

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- Romanian: Native proficiency
- English: Professional working proficiency