

HIZI HAMZA

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OBJECTIVE

Detail-oriented Data Engineer with expertise in cloud computing and 2+ years of experience in ETL development and data processing. Passionate about leveraging advanced technologies to drive impactful solutions. Seeking challenging consulting roles to expand expertise.

EDUCATION

Cloud Computing and virtualization, Iteam University 2023 - Present

- Relevant coursework: AWS, Azure, Networking (VMware)

Bachelor of Computer Science, University of Sciences of Tunis 2020 - 2023

- Relevant coursework: Data Structures, Machine Learning, Database Systems
- Graduated with honors

EXPERIENCE

Data Engineer Sep 2023 - Present

Elite Business, Tunis, Tunisia

- Designed a dynamic ETL system (Raftools: Revenue Assurance and Fraud Tools**) using C, Python, and SQL for PostgreSQL, enhancing data efficiency.
- Automated data collection from SFTP/FTP servers using shell scripts and Java.
- Managed Linux servers, monitoring processes to streamline workflows.

Web Developer (End of Studies Project) Feb 2023 - Jun 2023

Sagemcom, Ben Arous, Tunisia

- Developed a web application to manage interventions and track user statistics.
- Tools: ASP.NET Core, ReactJS, SQL Server.
- Methodology: Scrum.

Cloud Engineer (Internship) Jun 2022 - Sep 2022

Tunisia Telecom, Tunis, Tunisia

- Deployed virtual machines and optimized cloud networks using VMware Workstation and Linux.

PROJECTS

Full-Stack Cloud App – Next.js, Node.js, AWS, Terraform

- Built and deployed a full-stack web application using Next.js (frontend) and Node.js/Express (backend), fully hosted on AWS with Terraform for infrastructure provisioning.
- Used Terraform to provision S3, RDS, and EC2; EC2 auto-deploys the app via startup scrip.

AI Fitness Assistant

- Built an AI-powered fitness assistant to analyze body musculature evolution and exercise performance using image and video analysis.
- Utilized a dataset of professional athlete images for benchmarking.

Social Media Web Application

- Designed and developed a social media platform, "HH," featuring dynamic user interactions.

- Tools: ReactJS (front-end), Spring Boot (back-end), MySQL (database).

LEADERSHIP

- IT Manager at ClubSpark, University of Sciences of Tunis.

CERTIFICATION

- Databricks Fundamentals Accreditation