# Sami Ouaret

## Software Engineer

**Certified AWS Solution Architect Associate**

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## SUMMARY

A responsible software engineer with the skills to decompose and solve real-world problems to support businesses and customers. I'm also interested in cloud computing and data engineering and am a member of the AWS Community Builders.

## EXPERIENCE

**Backend Engineer (Part-time)**
**Smeetz CA**                                    May 2024 - September 2024, Remote (Switzerland)

- Maintain tax certification services in countries like Germany, Austria, and Belgium, ensuring strict adherence to local regulations and minimizing compliance risks.
- Designed and implemented a monorepo setup using NX to increase code reusability and automate the process of private package publishing up to 90%.
- Integrate Sentry for Graphql applications across the organization, reducing critical bug resolution time by more than 40% and enabling full identification of endpoint performance issues, improving overall system reliability.

**Backend Engineer**
**Smartinia**                                    March 2023 - PRESENT, Remote (Austria)

- Led the development of e-commerce applications, resulting in a 60% reduction in integration time for diverse client use cases and a 50% decrease in bugs, which drove customer satisfaction and growth.
- Designed e-commerce modules, including an order management system and a returns/refunds process, improving operational efficiency by 70% and automating the process fully.
- Conducted research on user experience for e-commerce analytics and implemented a comprehensive analytics dashboard, enabling store owners to make data-driven decisions, leading to an average 35% increase in revenue for client businesses.
- Conducted a successful launch of a grocery market platform in Vienna, resulting in an 87% order completion rate and driving 29% month-over-month growth within the first 3 months.
- Developed a comprehensive staff management and authorization system, that completely automated access-control management.

**Software Engineer**
**Maystro Delivery**                                    February 2022 - October 2022, Algeria

- Developed a parcel tracking system, eliminating hundreds of manual checks and reducing workload on staff by 80%, resulting in a 40% decrease in customer open support tickets.
- Orchestrated the migration and automation of app deployment using Docker and Nginx on Google Cloud, speeding the deployment process by 70%.
- Designed and implemented a comprehensive staff management and authorization system, achieving 100% automation of access-control processes management.
- Created an automated product label generation and printing system, completely eliminating manual intervention and enhancing operational efficiency by 90%.

**Data Engineer**
**Farmy.ai**                                    March 2021 - September 2021, Algeria

- Participated in designing and building a data architecture based on a data lake architecture to enable deep learning and data analytics on top of AWS.
- Engineered high-performance web scrapers using Puppeteer and Node.js, automating image and metadata collection from

Facebook groups, reducing manual data gathering effort by 95% and increasing dataset size rapidly.

- Developed and integrated an automated interface with a data annotation tool, empowering domain experts to perform image annotation 60% faster and design a flow to ensure annotation conflict resolution by 100%.
- Designed and implemented a robust data pipeline on AWS for cleansing and annotation, reducing data preparation time by 70% and enhancing overall data quality by 40%.

## EDUCATION

**Master's degree, Computer Networks and Multimedia (Grade B)**
Mohammed Elbachir El Ibrahimi university • Oct 2019 - Oct 2021

**Bachelor's degree, Computer Science (Grade A)**
Mohammed Elbachir El Ibrahimi university • Sep 2016 - Sep 2019

## CERTIFICATIONS

AWS Associate Solution Architect

## INVOLVEMENT

**AWS User Group Leader Algeria • Mar 2023 - PRESENT**

**AWS Community Builder • March 2022 - PRESENT**

## SKILLS

- A team player with essential problem-solving skills and a willingness to learn and tackle new challenges. Good knowledge of software and web development, OOP, SOLID, API design, and source version control.
- Automating manual tasks with a good enough understanding of cloud fundamentals, DevOps, and data engineering.
- Good understanding of database design and normalization.

## TECHNICAL SKILLS

SQL, PostgreSQL, Docker, Javascript, Typescript, Node.js, Express.js, Nest.js, PHP, Git, GitHub Actions, HTML5, CSS3,

TailwindCSS, Nginx, SSL/TLS, AWS EC2, AWS S3, AWS Lambda, and AWS CodeArtifact.

## Languages

- **English**: Advanced.
- **Arabic**: Native.
- **French**: Intermediate.
- **Spanish**: Basic.