

# Salbi Mohamed

## Software Engineer



[linkedin.com/in/mohamed-salbi-4268671b4/](https://www.linkedin.com/in/mohamed-salbi-4268671b4/)  
msalbi30@gmail.com  
+33744109714  
<https://www.salbi.tech/>

## About Me

I am a diligent software engineer, currently interning at EnerKa for my end-of-studies project. With 3 years of experience as a freelance developer, I have gained expertise in creating software solutions for various clients, spanning a wide range of domains such as web development, API creation, application deployment, and global data usage. I have extensive experience in data handling, including scraping, analysis, design, and implementation of SQL architectures

## "Professional Experience



### FullStack Software Engineer Intern (PFE)

Grenoble, France

EnerKa, develops engineering & data skills, consulting and training to support your infrastructure projects or new activities in hydrogen.

*April 2023 to September 2023 (6 mois)*

- Design and implementation of an SQL architecture from unstructured data (like Excel format).
- Data migration from Excel files to a MySQL database.
- Création d'APIs en Django (Python) pour interagir efficacement avec la base de données et effectuer des analyses et des automatisations.
- Creation of APIs in Django (Python) to effectively interact with the database and perform analyses and automations. Creation of an internal platform using APIs as a base for data entry.
- Deployment on AWS / OVH .



### Fullstack Software Engineer (Intenship 4 Year in Uni )

Casablanca, Morocco

Jurifast, Inc.

*Mai 2022 to Aout 2022 (3 months)*

- Implementation and optimization of CI/CD pipelines: I am in charge of designing and implementing continuous integration and continuous deployment pipelines to ensure a smooth and efficient workflow.
- Infrastructure management as code: I use tools such as Terraform
- Use of Next.js, a powerful React framework, to create server-side rendered web applications offering exceptional performance and improved SEO.
- Creation of AWS Lambda functions: Writing and deploying AWS Lambda functions using Python. The function was responsible for automating the process of filling out the legal file (<https://jurifast.com/>).

## Relevant Skills

- Python, Typescript/Javascript, Go, SQL, C/C++, Github
- Problem Solving
- Communication

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## Historique de l'éducation



### **Ecole Nationale Supérieure d'Informatique et d'Analyse des Systèmes (ENSIAS):**

*Graduation Year: 2023*

*The Software Engineering (SE) program is a specialized branch of computer science focused on the development, management, and maintenance of software. It concentrates on the principles, methodologies, and tools necessary to design, build, and maintain quality software. Here are some details about the SE program :*

- Software Development: The SE program emphasizes learning the different phases of software development, including needs analysis, design, programming, testing, and deployment. Students acquire programming skills in various languages, such as Java, C++, Python, and develop a deep understanding of software engineering concepts.*
- Development Methodologies: Students in the SE program learn different software development methodologies, such as the V lifecycle, agile development, and iterative approaches. They acquire skills in using tools and frameworks to facilitate project management, team collaboration, and the efficient and fast delivery of software.*



*Preparatory Classes :*

*Graduation Year: 2020*

- MP (Maths, Physics, Chemistry) is an intensive two-year program intended for students wishing to prepare for the entrance exams to top engineering schools. .*

## Volunteering and Affiliations:

### **Head of the Music Cell:**

Vintage Club

*2020 to 2022*

*As an active member and Head of the Music Cell at the Vintage Club, I had the opportunity to participate in musical projects and form a band. I played as the lead guitarist, and we performed tours at universities, played at events, and improvised during jam sessions. This experience was enriching and allowed me to develop my musical skills while sharing my passion with other club members and the audience*