

Safi Achraf Software Engineer

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I'm a software engineer and a competitive programmer, passionate about designing and building impactful digital solutions and solving complex problems. Skilled in full-stack development and driven by a strong sense of design, I create performant, intuitive, and user-focused applications. Curious by nature and committed to growth, I'm always learning, refining, and pushing the limits of what technology can achieve.

PROFESSIONAL EXPERIENCE

Software Engineer Intern & Team Lead @ ExclusiveLabs

10/2024 – 04/2025

Technologies: *TypeScript, Next.js, Go (Golang), AWS, VMware ESXI,*

- Worked on a virtualization platform using VMware ESXi.
- Implemented backend services to provision, manage, and monitor virtual machines, including real-time resource usage and lifecycle operations.
- Interfaced directly with VMware ESXi APIs using Go, focusing on system reliability, automation, and performance.

Web Developer @ Krello

2023 – 2024

Technologies: *Python, FastAPI, React.js, JavaScript, Docker, Redis*

- Designed and implemented the software architecture for krello.net , including both frontend and backend.
- Integrated a well database system for property and user management.
- Contributed to improving deployment workflows using Docker and containerized services.

Extracurricular Activities

2022 – Present

Participation in numerous hackathons , competitive programming and CTFs (Capture The Flag) competitions over the years, including HackTheNorth (Sweden), developing skills in problem-solving, cybersecurity and software development.

EDUCATION

B.Sc. in Computer Science

2025 – 2026

Aix-Marseille University

Aix-en-Provence

Computer Engineering Degree

2022 – 2025

ESTIN - *École supérieure en Sciences et Technologies de l'Informatique et du Numérique*

3 years of studies in the engineering school ESTIN, one of the most selective schools in Algeria.

High School Degree - lycée polyvalent Skikda

2022

Graduated with honors, Ranked 1st in class

SKILLS

Languages & Frameworks :

- *TypeScript, Python, Go , Java , SQL*
- *Next.js , Django, Nodejs , Express.js*

Cloud, Virtualization & Networks:

- *Docker, AWS, VMware ESXi*
- *Administration réseau, protocoles TCP/IP, gestion des machines virtuelles et orchestration de conteneurs*

Web development & DataBases :

- *React.js, Next.js, TailwindCSS, Zustand , Oauth*
- *Python ,Flask, Django, Go, ExpressJs , postgresql , MongoDB*

CERTIFICATES

ICPC Africa Finalist

Top 5 in *The International Collegiate Programming Contest - Africa*

Meta Backend Developer

8 Month training offred by Meta focused on building APIs, working with databases, and server-side programming.

LANGUAGES

- *Francais*

- *English - Fluent(C2 EF SET)*