

Mohamed Slimane

Tunis, Tunisia | +216 50 522 847 | mohamed.slimane@esprit.tn
slimane.me | github.com/MedSlimane | linkedin.com/in/mohamed-slimane-182aa9264

Profile

Fourth-year Computer Science Engineering student at ESPRIT, specializing in mobile development and seeking a Software Engineering summer internship. Experienced in full-stack, mobile, cloud, and AI-driven products, with hands-on work across React/Next.js, Flutter, SwiftUI, Kotlin Jetpack Compose, Spring Boot, Go, Node.js, Python, and cloud deployments.

Education

Engineering Degree in Computer Science 2022 – Present
ESPRIT – École Supérieure Privée d'Ingénierie et de Technologies Tunis, Tunisia

- Cycle Ingénieur Informatique / Ingénieur en Génie Informatique.
- Specialization: Mobile Information Systems / Mobile Development option.
- Fourth-year student; expected graduation: 2027.

Licence in Computer Science 2021 – 2022
ISSAT Sousse – Institut Supérieur des Sciences Appliquées et de Technologie de Sousse Sousse, Tunisia

- Completed one year in Licence en Sciences de l'Informatique.

Baccalaureate 2021
Secondary Education Tunisia

Experience

Software Engineering Intern Summer 2025
Stratchange Tunisia

- Developed a Flutter mobile application integrated with an Angular web platform and a Spring Boot backend.
- Worked across mobile and backend-connected features, contributing to API-driven application workflows.
- Collaborated on a multi-platform product using modern mobile, web, and backend technologies.

Selected Projects

SamOps *Next.js, Go, Node.js, Python, LLMs, AI Agents, AWS, Vercel*
samops.app

- Built an agentic cloud FinOps platform that ingests cloud cost, instance, usage, and metrics data to monitor infrastructure spending.
- Fed aggregated cloud signals into an AI anomaly-detection model that identifies unusual spending or infrastructure behavior in real time.
- Implemented an automatic code-scanning workflow triggered by detected anomalies to analyze code and Terraform configurations and surface optimization opportunities.
- Deployed the frontend on Vercel and cloud components on AWS.

Scribo *SwiftUI, Kotlin Jetpack Compose, NestJS, LLMs*
Academic mobile project

- Developed iOS and Android lecture-assistance applications with a NestJS backend.
- Implemented live lecture recording concepts, transcript chunking, LLM-based idea highlighting, summaries, quizzes, and revision materials.
- Added a community hub concept for students to share generated learning resources.

Conféro *Symfony, JavaFX*
Academic web/desktop project

- Built a web and desktop platform for professionals organizing seminars and conferences.
- Provided an all-in-one interface for hotel booking, transport coordination, equipment rental, catering, DJs, and video material services.

Virtual Museum Tour *Three.js*
Academic 3D web project

- Created a virtual 3D museum tour experience using Three.js.

Tales from the Future *C, SDL*
Academic game project

- Developed a 2D side-scroller platform game using C and SDL.

Freelance E-commerce Websites

Web development

Client projects

- Delivered several e-commerce websites for freelance clients.

Business Expense Management Platform

Next.js

Personal project

- Built a platform for business expense tracking with smart invoice generation.

dotenv-share

Next.js, Convex

dotenv-share.vercel.app

- Created a platform for teams to securely share environment secrets such as `.env` files.
- Added hashing and a local PIN layer for extra access protection.

Technical Skills

Frontend

React, Next.js, React Native, Expo

Mobile

Flutter, SwiftUI, Kotlin Jetpack Compose

Backend

Spring Boot, Java, Node.js, NestJS, Go, PHP

Programming

C, C++, Python, Java, JavaScript/TypeScript

Desktop / GUI

Qt Framework, JavaFX

Cloud / DevOps

AWS, Vercel, Docker, Git, Terraform analysis, API integrations

AI / LLM

LLM-powered workflows, transcript chunking, AI agents, summary and quiz generation

Languages

Arabic: Native | French: B2 | English: B2