

ALY SALL

Fullstack Developer (React, Angular, .NET) — Cybersecurity & Data Science

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my-portfolio-aly.vercel.app

PROFESSIONAL PROFILE

Fullstack Developer with strong expertise in React, Angular, TypeScript, and .NET, currently pursuing a Master's in Cybersecurity and Data Science. Experienced in building secure, scalable, and data-driven web and mobile applications using modern architectures (microservices, cloud, REST APIs). Strong interest in application security, system hardening, and performance optimization.

KEY SKILLS

- **Frontend:** React.js, Next.js, Angular, TypeScript, Tailwind CSS, HTML5, CSS3
- **Mobile:** React Native, Expo
- **Backend:** .NET (ASP.NET), Python, REST APIs, Firebase, Supabase
- **Databases:** PostgreSQL, SQL Server, Prisma ORM
- **Cloud & DevOps:** Docker, CI/CD, Azure DevOps, Git
- **Cybersecurity:** Linux, Wireshark, Nmap, Network Analysis, System Hardening

PROFESSIONAL EXPERIENCE

Cybersecurity Intern — Snim

Aug 2025 – Sept 2025

- Analyzed network traffic and detected anomalies using Wireshark and TCP/IP inspection.
- Assisted in Linux server security hardening (permissions management, updates, services).
- Conducted basic vulnerability scans using Nmap and documented security findings.
- **Tools:** Linux (Ubuntu), Wireshark, Nmap, Bash.

Fullstack Developer Intern — IYASOFT

Feb 2025 – June 2025

- Developed a secure, intelligent online testing and evaluation platform.
- Designed and implemented a multi-tenant microservices architecture in a cloud environment.
- Built a configurable quiz builder and intelligent sequencing logic for assessments.
- Developed frontend features using Angular and backend services using .NET 7 (REST APIs).
- **Technologies:** Angular, .NET 7, SQL Server, Azure DevOps.

PROJECTS

Senpai Anime — Fullstack Web Platform

- Full-featured anime tracking platform with authentication, personal lists, and social interactions.
- Developed an analytics dashboard with user statistics, rating distribution, and monthly charts.
- Implemented secure authentication and session management using NextAuth.
- **Stack:** Next.js, TypeScript, PostgreSQL, Prisma ORM, Tailwind CSS, AniList API.
- [Live Demo](#)

Micro-Challenges — Mobile Application

- Cross-platform mobile application (iOS/Android) focused on daily self-improvement challenges.
- Implemented secure authentication with Google OAuth and guest access.
- Designed offline-first user flows with persistent state synchronization.
- **Stack:** React Native, Expo, TypeScript, Supabase.
- [GitHub Repository](#)

EDUCATION

Master's in Cybersecurity and Data Science

2025 – 2027

ESAIP – School of Engineering

Systems Security, Data Analysis, Applied Artificial Intelligence

Bachelor's Degree in Software Engineering

2022 – 2025

International University of Tunis

Software Development and Artificial Intelligence

LANGUAGES

French (Native) English (Professional) Arabic (Native)