

# SALAH SFAR

Full Stack Software Engineer | Back-End Specialist | DevOps Enthusiast

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🌐 [LinkedIn](#) 🐙 [GitHub](#) 📁 [Portfolio](#)

## SUMMARY

Back-End Engineer with over 2 years of experience developing scalable web applications using Node.js and NestJS. Skilled in designing RESTful APIs, optimizing performance, and writing clean, modular code. Eager to contribute to innovative projects within a collaborative team environment.

## TECHNICAL SKILLS

<b>Core Languages:</b>	JavaScript (ES6+), TypeScript
<b>Backend Development:</b>	Node.js, Express, NestJS, RESTful API Design, GraphQL
<b>Frontend Development:</b>	React, Redux, Next.js, HTML5/CSS3
<b>Databases:</b>	MongoDB (Mongoose), PostgreSQL (TypeORM), Redis, Firebase
<b>DevOps &amp; Cloud</b>	Docker, Kubernetes, Render, Vercel, Cloudinary
<b>Tools &amp; Methodologies:</b>	Git, Linux, Postman, Agile/Scrum, Jira

## PROFESSIONAL EXPERIENCE

### Back-End Developer

Nov 2022 – Feb 2025

*Dar Blockchain, Tunisia*

- Built and maintained scalable backend systems using, Node.js, Express, NestJS, and TypeScript.
- Optimize MongoDB queries using Mongoose to improve performance and reliability.
- Integrate PostgreSQL for specific services using TypeORM to enhance relational data handling.
- Implement secure authentication (OAuth2, JWT) and session management.
- Set up centralized logging with Winston and custom middleware for efficient debugging.
- Enhance real-time features with Socket.IO and automate tasks using cron jobs.
- Collaborate in Agile sprints, ensuring quality via testing and minimal production bugs.
- Design and implement dynamic charts to visualize key metrics.
- Develop advanced filtering, search, and pagination features for improved data exploration.
- Build interactive dashboards using React and Redux, fetching and displaying data from RESTful APIs.

## KEY ACHIEVEMENTS

- **\$1.22M on 91Funds:** Drove \$1.22M in user crypto investments through a secure backend.
- **Boosted Project Launches:** Enabled 70+ projects during 2 hackathons on the EcoSystem platform.
- **Enhanced Security:** Built a Redis-based one-time token (OTT) system for password resets.
- **2<sup>nd</sup> Place – ActionAid Competition:** Awarded for a social entrepreneurship project.
- **Tech Content Creator:** Created educational tech content targeting developers under Formationnet.

## PROJECTS

### Full Stack Developer – LearnHub

2025

- Developed a digital platform to help users find training based on their goals and needs.
- **Technologies:** NestJS, GraphQL, PostgreSQL, TypeORM, Redux, React

### Backend Developer – 91Funds

2024

- Built a secure cryptocurrency investment backend with 2FA authentication and analytics dashboard.
- **Technologies:** NestJS, MongoDB, Mongoose, TypeScript, Redis, Swagger

- Created a collaboration platform for entrepreneurs with real-time messaging, notifications, and project management.
- **Technologies:** Node.js, Express.js, MongoDB, TypeScript, Socket.io, React, Redux

## EDUCATION & CERTIFICATIONS

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### **Bachelor of Computer Engineering**

2018 – 2022

*Polytechnic School of Sousse*

Sousse

#### **Certifications:**

- [Certified Kubernetes Application Developer \(CKAD\)](#) – Kodekloud (2025)
- [MongoDB for JavaScript Developers](#) – MongoDB University (2023)
- [JavaScript Data Structures and Algorithms](#) – FreeCodeCamp (2023)

## LANGUAGES

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**Arabic:** Native**English:** Fluent**French:** Fluent

## REFERENCES

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- **Hatem Azaiez**  
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## INTERESTS

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- Chess
- Music
- AI Tools
- Beach paddleball