

Saif Nemri

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Summary

Full-stack Software Engineer and MSc Computer Science candidate with a comprehensive background in developing production-ready web and mobile applications. Specialized in TypeScript, Next.js, and Node.js with a focus on high-performance backend architecture. Expert at enhancing system efficiency by 25% and delivering complex technical solutions ahead of schedule within Agile environments.

Education

Private Higher School of Engineering and Technology (ESPRIT) Sep 2023 – 2026
Master of Science in Computer Science Tunisia

Preparatory Institute for Engineering Studies of Gabès (IPEIG) Sep 2021 – Jun 2023
Preparatory Cycle for Engineering Studies Tunisia

Experience

Software Engineer Intern Feb 2026 – Present
ACTIMI GmbH Stuttgart, Germany

- Spearheading feature development for healthcare applications, reducing frontend rendering latency by 15% through refined component logic.
- Engineering RESTful APIs across 3+ distributed services to ensure high availability and data consistency for medical datasets.
- Collaborating in an international team of 10+ engineers, leveraging CI/CD pipelines to maintain a 99.9% stability rate during software deployments.

Software Engineering Intern Jul 2025 – Oct 2025
Shop My Influence Nabeul, Tunisia

- Orchestrated a gym management ecosystem, delivering a React Native application and Admin Dashboard 14 days ahead of the projected deadline.
- Architected Node.js backend services capable of processing 500+ concurrent booking requests with sub-200ms response times.
- Fine-tuned PostgreSQL schemas and indexing strategies, enhancing database read performance by an estimated 20% for payment modules.

Software Development Intern Jun 2024 – Sep 2024
Smartech Maximo Experts Tunis, Tunisia

- Deployed full-stack MERN features for enterprise systems, supporting the operational workflows of 50+ internal stakeholders daily.
- Formulated secure authentication protocols and RBAC logic for 4 distinct user tiers, eliminating unauthorized access risks to sensitive information.
- Refactored legacy backend modules to improve code reusability by 25%, accelerating the internal feature development cycle.

Projects

CodeSage – AI GitHub Repository Analyzer | Next.js, NestJS, Gemini Dec 2025

- Developed an AI platform that parses GitHub repositories to generate structural insights for 1,000+ lines of code in under 5 seconds.
- Integrated LLM pipelines to automate README generation, reducing manual documentation effort by 40% for open-source developers.

JninaTech – Field Operations PWA | Next.js, NestJS, MongoDB, PWA Sep 2025 – Nov 2025

- Built a role-based PWA for large-scale field operations (work sites, workforce, fleet, fuel, suppliers, and inventory) with offline-first sync, keeping crews productive through dropped connections.
- Streamlined MongoDB aggregation pipelines for real-time tracking across 12+ active work sites, surfacing each role only the views relevant to it.

EduConnect – AI Education Platform | React Native, Blockchain, AI Jul 2025 – Sep 2025

- Pioneered a mobile platform leveraging AI algorithms to analyze performance and generate 10+ personalized learning paths per student.
-

Fused blockchain-based verification to issue 100% tamper-resistant certificates, increasing credential trust for the initial pilot group.

MyAssistant – Daily Task Manager | Flutter, NestJS

Feb 2025 – May 2025

- Programmed a cross-platform task manager with a gamified 5-tier reward system to increase user engagement metrics.
- Applied local scheduling logic to handle 100% of task notifications on-device, ensuring reliability without external server dependency.

Technical Skills

Languages: TypeScript, JavaScript, Java, C, C#, Python, SQL

Web/Mobile: React, Next.js, React Native, Flutter, Tailwind CSS, HTML/CSS

Backend: Node.js, NestJS, Express, Spring Boot, Microservices Architecture

Databases: PostgreSQL, MongoDB, Redis, Firebase

DevOps/Tools: Git, Docker, AWS (Foundations), CI/CD, Linux, Postman

AI/ML: Gemini API, OpenAI API, Prompt Engineering, OCR Pipelines

Certifications

NVIDIA: Fundamentals of Deep Learning (2023), Generative AI with Diffusion Models (2025), Applications of AI for Predictive Maintenance (2025)

AWS: AWS Academy Cloud Foundations (2025)

Blockchain: Hedera Blockchain Developer Program (2025)

Languages

Native: Arabic | Fluent: English | Intermediate: French (B1–B2) | Basic: German (A1–A2)