

Nassim NABI | Software Engineer

Tunis – Tunisia

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in [nassim-nabi](#) • 🌱 Nass400

Professional Summary

Full-Stack Software Engineer with 4 years of experience in modern web technologies and scalable architecture. Expertise in React, TypeScript, Node.js. Proven track record in frontend modernization, real-time systems, and mentoring developers.

Professional Experience

Hexagone SAS

Frontend Developer

Tunis, Tunisia
Sep 2023–Present

- Develop and maintain web application features using React.js, TypeScript, jQuery, and Vanilla JavaScript
- Migrated legacy TWIG templates to React.js, improving scalability and code maintainability
- Mentor junior developers and conduct code reviews to maintain quality standards
- Customize open-source projects (Spectrum, GrapesJS, CKEditor) to meet business requirements

Olacube

Full-Stack Developer

Tunis, Tunisia
Aug 2022–Mar 2023

- Developed ERP system for maintenance company, streamlining workflow and increasing efficiency by 40%
- Implemented secure authentication and role-based access control for data protection
- Created intuitive interface for task management, scheduling, and team communication
- Established CI/CD pipelines using Docker to automate testing and deployment

ODAS Services

Full-Stack Developer

Tunis, Tunisia
Feb 2022–Aug 2022

- Architected microservices-based application using React.js, Node.js, and NestJS
- Designed database schemas and built RESTful APIs with PostgreSQL and MongoDB
- Developed real-time chat system with WebSockets and WebRTC for video communication
- Applied Test-Driven Development methodology to ensure code quality and reliability

Technical Skills

Languages: JavaScript, TypeScript, SQL, HTML5, CSS3

Frontend: React.js, Angular, jQuery, Redux, React Hooks, Responsive Design

Backend: Node.js, Express.js, NestJS, RESTful APIs, Microservices

Databases: PostgreSQL, MongoDB, Redis, Mongoose

DevOps & Tools: Docker, Docker Compose, Git, JIRA, Swagger, RabbitMQ

Testing: Mocha, Chai, Test-Driven Development (TDD), Unit Testing

Real-Time: WebSockets, WebRTC, Socket.io

Libraries: GrapesJS, CKEditor, Spectrum, Twilio, Quickblox

Methodologies: Agile/Scrum, Microservices Architecture, CI/CD, Code Review

Education

École Nationale des Ingénieurs de Sousse (ENISO)

Diplôme d'Ingénieur en Informatique (Engineering Degree in Computer Science)

Sousse, Tunisia
2018–2021

Advanced Algorithms, Computer Vision, Object-Oriented Programming, Optimization Techniques

Institut Préparatoire des Ingénieurs de Monastir

Classes Préparatoires aux Études d'Ingénieur (Preparatory Classes)

Monastir, Tunisia
2016–2018

Linear Algebra, Advanced Calculus, Statistics and Probability

Languages

Arabic: Native

Mother tongue

French: Fluent

Professional working proficiency (C1)

English: Advanced

Professional working proficiency (B2/C1)

Notable Projects

ERP System: Complete ERP solution with task management, scheduling, RBAC, and real-time collaboration (Angular, Node.js)

Real-Time Chat: Enterprise chat with WebRTC video calling, WebSocket messaging, and push notifications

TWIG to React Migration: Led frontend modernization converting legacy templates to React.js components

Additional Information

Leadership: IEEE ENISo Student Branch (2019-2021): Organized regional and national technical events

Volunteering: NEOS Association: Marketing & Communications Lead, organized leadership workshops and humanitarian aid convoys

Status: Tunisian citizen, open to EU relocation with visa sponsorship

Interests: playing piano, football, camping, open source contribution