Ameni Ben Saada

Software Engineer | Full-Stack, AI Integration & DevOps

Tunis, Tunisia | Remote (UTC+1) | b.saada.ameni@gmail.com
linkedin.com/in/amenibensaada | github.com/amenibensaada | Portfolio

Software engineer building React/TypeScript interfaces, NestJS APIs and AI features. Experience in regulatory-document workflows, billing and DevOps, with CI/CD and Azure deployments across environments, including production.

Professional experience

Vikonnekt

Software Engineer | February 2025 - Present

- Build Treyst's regulatory-document workflows with React, TypeScript, NestJS, PostgreSQL and GraphQL for EU/EEA legal review.
- Designed document versioning and diff comparison; refine LLM extraction prompts to surface regulatory changes and reduce manual correction.
- Contribute monitoring-queue interfaces, database connection handling, access controls, request validation and audit logging.
- Handle CI/CD and Azure/AKS deployments across Treyst's environments, including production, using Docker, Kubernetes, Terraform, ArgoCD and GitHub Actions; maintain health checks and rollback.

Software Engineer Intern - Feetrack | June - August 2024

- Built Stripe subscription and billing features, a React interface and a real-time analytics dashboard.
- Replaced manual fetching with React Query to eliminate redundant API calls and stale dashboard data.

Software Engineer Intern - Aitellu | June - September 2023

- Built topic-based bilingual story generation with the OpenAI API for language learners.
- Integrated Valitor payments with plan limits and payment checks through NestJS/GraphQL.

Orange Tunisie

DevOps Engineering Intern | January - May 2022

- Built an internal React/Express/MongoDB staff-management application to support HR workflows.
- Automated delivery with GitLab CI/CD, Docker and Kubernetes; added Jest and Cypress tests.

Lodeep

Backend Development Intern | June - August 2021

- Built REST APIs and MongoDB aggregation pipelines for advertising automation; optimized statistics queries for consistent API response times.

Technical skills

Frontend: React, Next.js, TypeScript, React Query, Tailwind CSS

Backend & AI: Node.js, NestJS, Express, Python, FastAPI, REST, GraphQL, OpenAI API, Gemini API

Data: PostgreSQL, MongoDB, Prisma, Redis, Supabase

DevOps & testing: Azure/AKS, Docker, Kubernetes, Terraform, ArgoCD, GitHub Actions, GitLab CI/CD, Jest, Cypress

Selected engineering projects

Digital invitations: Built French/Arabic guest flows with Next.js, Supabase and Gemini: personalized links, RSVP tracking, CSV import/export and QR sharing.

TeamDoc: Contributed block editing, dictation, a translation integration and an OpenAI assistant to a team-built React/NestJS/MongoDB document workspace.

Reservation microservices: Implemented the Express/MongoDB reservation service and Eureka registration within an Angular/Spring Boot team project.

Education

ESPRIT - Higher School of Engineering and Technology | Software Engineering Degree | 2022 - 2025

ISTIC | BSc, Computer Engineering: Embedded Systems & IoT | 2019 - 2022

Languages: English: Fluent | French: Fluent | Arabic: Native