Adem Selmani

Full-Stack Software Engineer · Java · Spring Boot · Angular · React · Next.js · AI Integration

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3	3	5.0/5	4
software engineering internships	paid freelance projects shipped	Upwork client rating	certifications

SUMMARY

Full-stack software engineer (ESPRIT engineering degree, October 2026) who builds and ships complete web products: Spring Boot and Node.js backends, Angular, React and Next.js frontends, Docker CI/CD, and AI features such as face recognition, chatbots and speech. Three internships, paid freelance clients since December 2025 and a **5.0/5 Upwork rating**. Open to remote full-time and contract roles.

TECHNICAL SKILLS

Languages:	Java · TypeScript · JavaScript · Python · SQL
Frontend:	Angular · React · Next.js · Tailwind CSS · PrimeNG · Framer Motion · Figma
Backend:	Spring Boot · Node.js · Express · Django · FastAPI · REST APIs · GraphQL (Apollo) · Microservices · Hexagonal Architecture
Databases:	PostgreSQL · MySQL · MongoDB · Supabase · H2
AI:	AI chatbots · Face recognition · Object detection · Speech-to-text · Text-to-speech · Predictive analytics
DevOps & Cloud:	Docker · Docker Compose · Jenkins CI/CD · SonarQube · Nexus · Grafana · Prometheus · AWS · Vercel · Git · Linux
Practices:	Agile Scrum · UML · Clean Code · Stripe · Resend

PROFESSIONAL EXPERIENCE

Vision Web Studio (Freelance)

12/2025 – Present

Full-Stack Developer · Remote

- **skyset.tn**: launched a live bilingual e-commerce store for a client, with real-time inventory, flash deals, cash-on-delivery checkout and an admin dashboard (Next.js, TypeScript, Supabase).
- **la Storia di JOJO**: designed and built a bilingual café-restaurant website for a client, with animations, filterable menu, dark mode and Google Maps (Next.js, Tailwind CSS, Framer Motion).
- **Upwork, rated 5.0/5**: delivered a self-hosted odds-calculator web app; the client praised my quality, communication and attention to detail.
- I showcase my work on Instagram: **instagram.com/vision_official_web**.

Discovery Intech

02/2026 – 08/2026

Software Engineering Intern · Tunis, Tunisia

- Built **Sales Force**, an enterprise sales and commercial management platform, with Spring Boot (hexagonal architecture) and Angular/PrimeNG over 4 Scrum sprints.
- Engineered a **multi-level order-approval engine** that adapts to order value and auto-approves low-risk orders, speeding up order → invoice → payment.
- Designed REST APIs and SQL schemas for master data, territories, tiered pricing, discounts and stock reconciliation.
- Shipped a self-service **B2B client portal**, a geolocation module for sales-rep routes and real-time sales dashboards.

Hydatis
06/2025 – 09/2025

Software Engineering Intern · Tunis, Tunisia

- Co-developed **PARKEY, Tunisia's first smart-parking app** (featured by tunisieauto.tn and L'Instant M) with Angular, Spring Boot and MongoDB in an Agile Scrum team.
- Migrated maps from Google Maps to **OpenStreetMap**, removing a paid API, and added real-time geolocation, routing and parking-space management.

TeamWill
06/2024 – 08/2024

Software Engineering Intern · Tunisia

- Built a Spotify-style streaming app: a React UI with global state for real-time playback, and a Node.js/Express REST API for authentication, playlists and streaming.

Center Open School
06/2023 – 08/2023

Python Tutor · Sfax, Tunisia

- Taught Python fundamentals and supervised students' hands-on lab work.

SELECTED PROJECTS

M7asbi – AI Finance & Accounting Platform
02/2025 – 05/2025

MongoDB · Express · React · Node.js · AI/ML

- Accounting platform for Tunisian businesses with automated financial statements and cash-flow dashboards.
- AI features: **face-recognition login, AI chatbot, speech-to-text/text-to-speech** and revenue forecasting.

CyberCobra – AI Surveillance & Access Control
2025

Django · Next.js · Computer Vision

- **Facial-recognition access control and object detection** on camera feeds, with zone mapping and AI-generated reports.

University Housing – Microservices Platform
02/2025 – 04/2025

Spring Boot · Spring Cloud · Angular 19 · Docker

- **6 Spring Boot microservices** (database per service) behind an API Gateway with Eureka discovery, containerized with Docker Compose.

Maison Noir – Restaurant Reservations · maison-noir-omega.vercel.app
04/2026

Next.js 14 · Supabase · Resend

- 4-step booking flow with automatic email confirmations and an admin dashboard. **Lighthouse performance score 90+.**

EDUCATION

ESPRIT – Private Higher School of Engineering and Technology · Tunis, Tunisia
2023 – 2026

Engineering Degree in Computer Science, Web & Internet Technologies (TWIN). EUR-ACE accredited. Graduation: October 2026.

Faculty of Sciences of Sfax – Preparatory Cycle for Engineering Studies · Sfax, Tunisia
2021 – 2023

Admitted to engineering school through the national competitive entrance exam.

CERTIFICATIONS

Apollo Graph Developer – Associate · Apollo GraphQL — 04/2025

AWS Academy Graduate – Cloud Foundations · Amazon Web Services — 11/2025

Hashgraph Developer Course · The Hashgraph Association — 11/2025

CCNAv7: Introduction to Networks · Cisco Networking Academy — 05/2024

LANGUAGES

Arabic: Native | **English:** Professional (B2) | **French:** Upper-intermediate (B2)

ACTIVITIES

ACM ESPRIT Club Member (2023 – 2024): competitive programming, mentoring members and running workshops.