

Rayen Ben Hassen — Software Developer

Djerba, Tunisia

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Education

Higher Institute of Computer Science and Communication Technologies (Isitcom Sousse)

Tunisia

Bachelor in Computer Science

2022 – 2025

Final Grade: B (Predicted)

Key Modules: Web Development, Cloud & Big Data, Algorithms, Mathematics, UI/UX

Work Experience

TunisieBooking

Tunisia

Software Developer

Jun 2025 – Present

Working on **Evasion Channel Manager**, a cloud-based system for hotels and agencies.

- Backend development with Laravel & MySQL.
- Frontend with Next.js & Tailwind CSS.
- Deployment on OVH Cloud using Docker & Coolify.
- Applying Scrum methodology for iterative development.

TunisieBooking

Tunisia

Final Year Internship

Jan 2025 – Jun 2025

Project: TunisieBooking – Hotel Booking Platform for Algerian Travelers

- Built a scalable hotel booking platform (Laravel, Next.js, Tailwind CSS, MySQL).
- Implemented authentication, hotel search, booking, dashboards, and AI chatbot (DeepSeek).
- Containerized and deployed with Docker on OVH Cloud.
- Structured project in 4 sprints (Scrum).

Otosprex

Tunisia

Software Development Intern

Jun 2024 – Aug 2024

- Built a price comparator website with Next.js & Directus (1,600+ products).
- Improved API response time by 40%, boosting user engagement.
- Developed a multi-tenant POS system (React Native, Laravel, Vue.js).
- Built a Python/Django scraping tool (10k+ datapoints).
- Enhanced server security, reducing unauthorized access risks by 80%.

Projects

DjerbaTrips.com: Full-Stack Trip & Hotel Booking Platform (Next.js, Express.js, PostgreSQL, Docker).
Dynamic booking, admin dashboard, VPS deployment with Nginx.

Art-Home.tn: E-commerce website for home accessories (WordPress, WooCommerce, SMTP).
Handled full setup, email integration, analytics, and security.

Hbibna: Airbnb-like rental platform (Next.js, MongoDB, TypeScript, S3).

Be Green: Hackathon-winning waste management app (React.js, Node.js, MongoDB).

Association-Arij.org: Charity platform with events and admin dashboard (Next.js, Firebase, Docker).

Rayen.com: Modern portfolio with 3D effects (Next.js, TypeScript, Docker).

Skills

Frontend: Next.js, React.js, Angular, Tailwind CSS

Backend: Laravel, Node.js (Express), Django

Databases: PostgreSQL, MySQL, MongoDB

DevOps: Docker, OVH Cloud, Coolify, AWS S3

Version Control: Git, GitHub

Methodologies: Scrum, Agile

AI: DeepSeek AI integration

Languages

Arabic (Native), French (Fluent), English (Fluent)

Awards & Certifications

2024: 2nd Place – Hackathon Ramadan 1445, Arab American Society

2024: Certification in SQL Database & AWS Cloud