

Chadlia El Amri

FULL-STACK SOFTWARE ENGINEER

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PROFILE

Full-Stack Software Engineer specializing in scalable web applications with React/Next.js frontends and FastAPI/NestJS backends. Proven experience in RESTful APIs, real-time features, database design, and cloud deployment with CI/CD pipelines. Seeking a full-time position to build robust, user-centric applications.

EDUCATION

Higher Institute of Applied Sciences and Technology of Sousse <i>National Engineering Degree in Software Engineering (With high honors)</i>	Sousse, Tunisia Sep. 2022 – Oct. 2025
Higher Institute of Applied Sciences and Technology of Sousse <i>Bachelor's Degree in Computer Systems Engineering (With honors)</i>	Sousse, Tunisia Sep. 2019 – Jul. 2022

EXPERIENCE

Software Engineer Intern <i>Choose</i>	Paris, France Feb. 2025 – Aug. 2025
<ul style="list-style-type: none">Replaced Google Sheets workflows with custom web interface, improving data reliability and system scalability.Built resilient web scraping pipelines with rotating proxies to extract and validate data from multiple sources.Developed automated workflows reducing manual errors by 70% through intelligent validation and server-side checks.Deployed microservices on GCP Cloud Run with CI/CD pipelines, handling 1000+ daily requests.	Sousse, Tunisia Jul. 2023 – Sep. 2024

Software Engineer Intern
LaTech

- Built full-stack RSS-to-video platform, processing feeds and generating video content with automated text-to-speech narration.
- Implemented web scraping to extract article content from dynamic JavaScript-rendered pages.
- Developed RESTful APIs implementing comprehensive error handling, validation, and authentication middleware.
- Conducted R&D on browser automation frameworks, performing cost/performance analysis of cloud vs. self-hosted solutions.

PROJECTS

ScrapLLM — Python, Next.js, FastAPI, PostgreSQL, Redis, GraphQL	
<ul style="list-style-type: none">Developed full-stack web scraping platform with Next.js frontend and FastAPI backend for structured data extraction.Implemented GraphQL API and Redis caching layer reducing database load by 40%.Built automated link discovery system and HTML cleaning pipelines for multi-page scraping workflows.	
FoodSwap — NestJS, React, PostgreSQL, Socket.io, Cloudinary	
<ul style="list-style-type: none">Built real-time meal-sharing application with WebSocket communication, improving engagement by 25%.Integrated Cloudinary for optimized image storage and designed PostgreSQL schema with proper indexing.	
IssatEdu — React, Node.js, Express, MongoDB	
<ul style="list-style-type: none">Architected university management platform serving 500+ students with role-based authentication (RBAC) for three user types.Built RESTful API with secure endpoints for grade management and scheduling, implementing JWT authentication and password hashing.Designed responsive React interface with dynamic routing and state management, reducing administrative workload.	

SKILLS

Frontend : React, Next.js, TypeScript, JavaScript, HTML/CSS, Responsive Design

Backend : FastAPI, NestJS, Node.js, Express, Flask, RESTful APIs, GraphQL, Microservices

Databases : PostgreSQL, MongoDB, Redis, SQL optimization, Database design

Cloud & DevOps : GCP (Cloud Run), Docker, GitHub Actions, CI/CD, Git

Tools : Socket.io, WebSockets, Puppeteer, Selenium, BeautifulSoup, JWT, Cloudinary

Languages : Python, TypeScript, JavaScript, Java, SQL, Bash

LANGUAGES

Arabic : Native **English** : C1 **French** : B2