

Chadlia El Amri

AI & SOFTWARE ENGINEER

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PROFILE

Recent AI & Software Engineering graduate passionate about intelligent automation and LLM-based systems. Experienced in developing end-to-end AI workflows, scalable APIs, and data-driven tools from previous roles in Paris and Tunisia. Actively seeking a full-time position as an **AI Engineer** or **Software Developer** to contribute to innovative AI-powered products.

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

Choose <i>Full Software Engineer Intern</i>	Paris, France Feb. 2025 – Aug. 2025
<ul style="list-style-type: none">Built internal AI automation tools that reduced manual processing errors by 70% and sped up data generation.Replaced Google Sheets workflows with a custom web interface and API including server-side validations, improving reliability and scalability.Developed resilient scraping pipelines with rotating proxies and anti-bot handling to extract informations.Delivered reusable internal packages aligned with a Domain-Driven Design architecture to improve codebase modularity.Deployed microservices on GCP Cloud Run with CI/CD pipelines, integrating workflows for automated updates.	
LaTech <i>R&D Intern</i>	Sousse, Tunisia Jul. 2024 – Sept. 2024

PROJECTS

ScrapLLM — Python, Gemini, LangChain, Langfuse, Next.js, FastAPI	Mar. 2025
<ul style="list-style-type: none">Developed an intelligent scraping platform using LLMs to discover links, filter data, and extract structured product details.Implemented advanced HTML cleaning pipelines to ensure compatibility with LLM inputs.Integrated Langfuse for prompt and output monitoring, and added a benchmarking module to compare LLMs.Built an autonomous extraction agent with LangChain + ADK, deployed on MCP, and exposed via FastAPI.	
RAG Assistant — Python, OpenEmbedding, LangChain, FastAPI	Jan. 2025

ShortVids — Flask, React, Remotion, Selenium, Whisper

Sept. 2024

- Built a system converting **RSS feeds** into short videos, with content summarized by LLMs and audio generated via Whisper.
- Automated article extraction and preprocessing using **Selenium** to ensure clean, structured inputs for video generation.

SKILLS

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

AI & LLMs : LangChain, LangGraph, Langfuse, Hugging Face, OpenAI, Gemini, Whisper, RAG, Prompt Engineering, Transfer Learning

Web Development : React, Next.js, FastAPI, Flask, Node.js, REST

Databases : PostgreSQL, MongoDB, SQL/NoSQL, GraphQL, Redis

Cloud & DevOps : GCP , Docker, GitHub Actions, CI/CD

Scraping & Automation : Puppeteer, Selenium, BeautifulSoup, Zyte, Firecrawl, ADK, MCP, n8n

LANGUAGES

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