

Haroun Trabelsi

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SUMMARY

Adaptable and self-driven **Junior Software Engineer** with strong full-stack development experience and hands-on exposure to real-world Projects. Skilled in building scalable web apps, managing databases, and leading team projects with Git. Passionate about impactful software, clean architecture, and collaborative innovation. Open to both remote and on-site opportunities.

EXPERIENCE

Junior Software Engineer

EverythingToGain

August 2025 - October 2025, Austin, Texas, US

- Integrated automated CI/CD pipelines to streamline deployment workflows across staging and production environments, collaborating with development, QA, and DevOps teams to ensure reliability and consistency.
- Upgraded data storage architecture by leveraging Qdrant and Redis, drastically enhancing real-time search capabilities and reducing retrieval latency for high-traffic website features.

Tech Lead

Vision Age VFX

May 2025 - July 2025

- Directed the development and deployment of an internal web platform that automated task assignment workflows and integrated machine learning capabilities for real-time difficulty estimation, enhancing operational transparency and project allocation efficiency.
- Spearheaded a cross-functional initiative to integrate photogrammetry and motion reconstruction outputs into a unified data pipeline, streamlining visual effects production timelines and boosting team alignment across departments.

Software Engineering Intern

Infotec

January 2025 - May 2025, Nabeul, Tunisia

- Designed and developed a treasury management web app using React, Express.js, and SQL.
- Features included invoice generation, cheque printing, TVA/tax calculation, multi-settlement handling, and employee-specific transaction tracking.
- Implemented version control using Git for efficient collaboration and seamless code integration, resulting in a 25% reduction in bug resolution time across a 3-month internship project.
- Integrated RESTful APIs within the treasury management app to enhance data flow between multiple software applications, leading to a 30% improvement in system response time over the 3-month internship period.

PROJECT

JourneyAI

EverythingToGain • [meetjourney.ai/](#) • August 2025 - October 2025

- Integrated automated CI/CD pipelines to streamline deployment workflows across staging and production environments, collaborating with development, QA, and DevOps teams to ensure reliability and consistency.
- Upgraded data storage architecture by leveraging Qdrant and Redis, drastically enhancing real-time search capabilities and reducing retrieval latency for high-traffic website features.
- Integrated with advanced **AI model APIs** to generate contextual insights, organize artifacts by **team, organization, and individual**, and improve sales research efficiency by **~40%** through automated data retrieval and structured knowledge management.

StrategicAI

EverythingToGain • [github.com/Haroun-Trabelsi/StrategicAI](#) • August 2025 - October 2025

- Developed a **modular, scalable automation platform** designed for ease of use and rapid workflow creation.
- Built a **node-based system** where each step defines clear **inputs and outputs**, enabling intuitive chaining and flexible automation logic.
- Supported **export to external automation tools** such as **n8n** and **Make (Integromat)**, allowing advanced users to extend functionality effortlessly.

Saleside

EverythingToGain • [MeetingSummarizer.replit.app](#) • August 2025 - October 2025

- Developed an **AI-driven sales coaching platform** that listens to live client calls and provides **real-time conversational guidance** to sales representatives.
- Enabled **on-the-fly objection handling** by combining **speech-to-text, NLU**, and a **prompt-based AI response engine**, reducing average response hesitation time by **~45%**.
- Integrated **real-time response dashboards** showing ranked suggestions and confidence levels, resulting in **~30% higher conversion rates** in pilot testing.

EDUCATION

Bachelor's Degree in Software Engineering

ESPRIT - Private School of Engineering, Tunisia • 1, 2 rue André Ampère - 2083 - Pôle Technologique - El Ghazala

Bachelor of Computer Science

Minor in Computer science • Lycée MBZ, Nabeul • rte de Kalboussi 8010 Menzel Bouzelfa - NABEUL • 2021

SKILLS

JavaScript, Python, Java, C++, C#

React, Node.js, Express.js, Angular, Spring Boot, Redis

Git, Docker, Selenium, Qdrant, REST APIs, UI/UX design, Agile/Scrum practices

