HAIDAR HASAN

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PROFILE SUMMARY

A motivated and skilled Computer Science graduate with hands-on experience in AI development, full-stack web solutions, and mobile application development. Proven ability to contribute to agile teams, demonstrated through internships involving LLM fine-tuning, prompt engineering, and building user-centric platforms using technologies like Flutter, PHP, and FastAPI. Eager to apply a strong technical foundation and a results-driven approach to a challenging software engineering role.

EDUCATION

Beirut Arab University, Beirut
Degree in Computer Science   June, 2025

PROFESSIONAL SKILLS

- **Job Function Specific Skills:** AI & LLM Fine-Tuning, Prompt Engineering, Retrieval-Augmented Generation (RAG), Full-Stack Development (PHP), Mobile Development, Agile Methodology, Data Analysis, API Integration (OpenAI, FastAPI)
- **Computer Skills:** Flutter (Dart), PHP, Python, FastAPI, MongoDB, ChromaDB, Git, HTML/CSS, JavaScript

PROJECTS

- **Senior Project: Darlink**
- **Role:** Front-end Developer
- **Duration:** September, 2024 – April, 2025
- **Summary:** Led the front-end development of a cross-platform real estate mobile application using Flutter. Implemented key features including user authentication, advanced property search with filters, interactive map integration, and 360-degree virtual tours. Collaborated on backend integration with MongoDB to facilitate efficient property and event management for users and admins, enhancing platform security and user experience.

CERTIFICATES

IC3 Certiport   January, 2025
Flutter Course Apex Center   August, 2024
IDS Academy Internship   July, 2024

EXPERIENCE

AUVIA (partnered with TabbeQAI), Beirut, Lebanon
AI Data Scientist (Internship)   September, 2025 – December, 2025
- Fine-tuned and deployed large language models (LLMs), leveraging prompt engineering to optimize NLP performance for intelligent AI assistants.
- Developed AI-powered backend solutions using FastAPI and ChromaDB, integrating OpenAI APIs for scalable and robust systems.
- Worked on speech AI systems, including Text-to-Speech (TTS) and Speech-to-Text (STT), enhancing multimodal interactions.
- Applied machine learning (ML) techniques for database query optimization, feature engineering, and AI-driven data processing.
- Collaborated with cross-functional teams to research, prototype, and implement AI/NLP solutions for real-world applications.
- Contributed innovative AI solution proposals for a UNIDO-sponsored competition, authoring technical reports and pitch materials.
- Developed Kotlin applications for Samsung Galaxy Watch, enabling seamless functionality between phone and watch (EdtechS Browser, Anti-Theft Enhanced functionality).
- Implemented voice cloning models using custom code and ElevenLabs API for personalized voice synthesis applications.
- Built a Retrieval-Augmented Generation (RAG) system for a Furhat social robot skill, integrating custom cloned voices to enhance human-robot interaction.

Sky Sat, Beirut, Lebanon
Network Technician   August, 2024 - Present
- Installed and maintained network infrastructure for over 100 clients across a large urban area, ensuring reliable high-speed internet connectivity.
- Deployed and configured customized Ethernet and fiber-optic cables across rooftops and between buildings to optimize Wi-Fi coverage.
- Conducted signal testing, troubleshooting, and router configuration to improve network stability and minimize downtime.
- Collaborated with a small technical team to plan network layouts and safely execute rooftop installations.
- Ensured compliance with safety standards while working at heights and handling electrical equipment.

Integrated Digital Systems, Jnah, Lebanon
Php Full-Stack Developer (Internship)   June, 2024 - August, 2024
- Designed and implemented an activity club portal website using various frameworks, ensuring flawless database integration and flexibility.
- Collaborated actively within an agile team, contributing in peer code evaluations, problem solving, while maintaining consistent workflow efficiency throughout the development cycle.

LANGUAGES

Arabic – Native
English – Fluent