

Ibrahim Itani

Beirut, Lebanon • ib.itani01@gmail.com • +96170004719 • [GitHub](#) • [LinkedIn](#)

PROFESSIONAL SUMMARY

Backend-focused Software Engineer with experience building scalable cloud services, integrating payment systems, and optimizing performance on Google Cloud. Always looking for new challenges and experiences.

WORK EXPERIENCE

Backend Developer **March 2025 - Present**
ITXI Beirut, Lebanon

- Built and scaled backend services with AI-powered data processing using multiple LLM providers (OpenAI, Gemini), enabling seamless integration into client platforms.
- Designed and implemented end-to-end Stripe billing infrastructure for a SaaS product, including subscriptions, payments, invoicing, and webhook-driven workflows.
- Improved performance, security, and reliability by optimizing Firebase and Google Cloud runtimes, introducing effective caching, resolving critical vulnerabilities, and migrating secrets to Google Secret Manager.

EDUCATION

BE In Mechatronics Engineering **Aug 2020 - May 2024**
Rafik Hariri University Mechref, Lebanon

- Minor in Computer Science.
- Relevant Coursework: Probability & Statistics, Linear Algebra, Database Systems, Advanced Programming (OOP).

PROJECTS

DocChat ([GitHub Repo](#)) **Sep 2025**

- Built DocChat, a PDF-based Retrieval-Augmented Generation (RAG) system enabling conversational Q&A over documents using semantic search and context-aware responses.
- Implemented a scalable FastAPI backend with smart PDF ingestion, text chunking, and orchestration via LangChain and Pinecone vector storage.
- Integrated OpenAI embeddings and LLMs to deliver accurate, relevant answers from large, unstructured documents.

Baddil ([GitHub Repo](#)) **Dec 2024 - Jan 2025**

- Developed Baddil, a full-stack bartering platform with desktop (admin), mobile (users), and web (brokers) applications.
- Implemented Auto Bartering functionality to negotiate and execute trades autonomously on behalf of users.
- Designed QR-based identity verification for secure meetups and a broker-hiring system to manage complex barter transactions.

SKILLS

JavaScript, TypeScript, Python, Node.js, Express.js, NestJS, FastAPI, REST API Design, Webhooks, OpenAPI, React, Next.js, PostgreSQL, MySQL, Firestore (NoSQL), MongoDB (basic), Vector Databases (Pinecone), Database Design, Query Optimization, Google Cloud Platform (GCP), Firebase, Cloud Caching, Docker, CI/CD (Bitbucket Pipelines), Git, SonarQube, Postman, Stripe Billing & Payments, LLM Integrations (OpenAI, Gemini), Agile Workflow, Jira, Confluence.

CERTIFICATES

Full Stack Web Developer **Oct 2025 - Dec 2025**
SE Factory Beirut, Lebanon (Online)

- Completed an intensive 8-week full-stack web development program covering front-end, back-end, and version control, followed by 4 weeks of final project implementation.

VOLUNTEERING

Secretary, Executive Committee **Jul 2025 - Dec 2025**
Protoast Club (Toastmasters International) Beirut, Lebanon

- Designed and implemented an automated attendance tracking system using a custom microsite with real-time synchronization to club records.
- Built a centralized Google Sheets dashboard enabling mentors and mentees to track educational progress efficiently.
- Centralized executive committee documentation into a single collaborative system, improving accessibility and operational efficiency.

LANGUAGES

Arabic (*Native Language*), **English** (*C1 - Advanced*), **German** (*A2 - Pre-intermediate*).