

Moain Hameer Hassan Alabbasi

Full-Stack Developer | AI Solutions & Prompt Engineering Moain.learn@gmail.com |
Sana'a, Yemen | [LinkedIn](#) | [GitHub](#)

Professional Summary

A highly motivated and results-oriented Full-Stack Developer with over 5 years of hands-on experience and a strong specialization in AI solutions and prompt engineering. Currently in the final year of a Bachelor's degree in Information Technology. Proven ability to design, develop, and deploy complex, full-stack applications from scratch. Possesses a diverse skill set spanning web and mobile development, database management, cloud technologies, and AI integration. Seeking to leverage a deep understanding of technology and a passion for problem-solving to contribute to a challenging and innovative role.

Technical Skills

- **Programming Languages:** Python, JavaScript, TypeScript, Java, C#, PHP, Kotlin, Go, Dart, SQL
- **Frontend:** React.js, Next.js, HTML, CSS, Bootstrap, Flutter, Tailwind CSS
- **Backend:** Django, Flask, FastAPI, ASP.NET Core, Laravel, Node.js, Express.js, REST API
- **Databases:** PostgreSQL, MySQL, SQLite, Oracle, SQL Server, PL/SQL, Supabase, Firebase
- **AI & Machine Learning:** Prompt Engineering, Gemini AI, ChatGPT, Claude, TensorFlow, Pandas, NumPy
- **Cloud & DevOps:** Docker, Linux, Microsoft Azure, Google Cloud (GCP), Vercel, Netlify, Railway
- **Mobile Development:** Flutter, Dart, Android Studio, Kotlin

- **Blockchain:** Hyperledger Fabric, Go
 - **Design Tools:** Figma, Adobe XD, Adobe Photoshop, Adobe Illustrator
 - **Development Tools:** VS Code, Visual Studio, PyCharm, IntelliJ IDEA, Postman, Git, GitHub, Swagger
 - **Project Management:** Agile, Scrum, Kanban, Jira, Trello
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Work Experience

IT Administrator & Developer | Al-Abbasi Power Generation Company | Sana'a, Yemen
| 2019 – Present

- Progressed through multiple roles including Accountant, Administrator, and Generator Technician before taking full responsibility for the company's IT infrastructure.
 - Managed and maintained all technical systems, ensuring high availability and performance.
 - Developed custom software solutions to automate financial reporting and streamline internal operations, significantly improving efficiency.
 - Administered accounting software and managed financial data, leveraging technical skills to create automated reports.
 - Handled technical maintenance and operation of power generators, demonstrating a broad technical aptitude.
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Projects

SACM-System (Smart Academic Content Management System)

- An integrated system for managing academic content with AI features including summarization, question generation, and a smart chatbot.
- **Technologies:** Python, Django, Gemini AI, PostgreSQL, HTML/CSS/JS
- **Link:** github.com/MoainAlabbasi/SACM-System

Electronics Store Management System

- A comprehensive retail management solution including a desktop application, web interface, and a REST API.
- **Technologies:** C#, .NET, SQL Server, REST API

AI Question Extractor

- A web tool that leverages Gemini AI to extract questions from documents for educational purposes.
- **Technologies:** TypeScript, Next.js, Gemini AI
- **Link:** github.com/MoainAlabbasi/file-question-extractor

Income & Expense Tracker App

- An Android application for personal finance management with an intuitive user interface.
- **Technologies:** Kotlin, Android, SQLite
- **Link:** github.com/MoainAlabbasi/income-expense-app

Telegram Archive Bot

- An MVP system for archiving Telegram files, featuring a Python bot and a web interface.
- **Technologies:** Python, Telegram API, Flask
- **Link:** github.com/MoainAlabbasi/telegram-archive-bot

Fabric Graduation Project

- A graduation project utilizing Blockchain technology.
 - **Technologies:** Go, Hyperledger Fabric
 - **Link:** github.com/MoainAlabbasi/fabric-graduation-project
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Education

Bachelor of Science in Information Technology | University of Science & Technology
| Sana'a, Yemen *Expected Graduation: 2026*

Certifications

- ICDL - International Computer Driving License
 - English Language Courses
 - Mobile Repair & Programming Certificate
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Languages

- **Arabic:** Native
- **English:** Intermediate