

Reham Hatem

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Junior Software Developer with experience in full-stack web & mobile & AI development.
Enthusiastic, detail-oriented, and eager to grow within a collaborative and innovative team.

EDUCATION

Bachelor Degree

Cairo University
Computer Science and Artificial Intelligence (AI Department)

2020 - 2024
Giza , Egypt

COURSES

Flutter Development Deploma [🔗](#)

Route IT Center

Full Stack PHP Web Development

currently ITI Trainee

March 2025 - now

Machine Learning , Deep Learning , Supervised Unsupervised Reinforcement Learning [🔗](#)

Coursera

SKILLS

Technical skills

Dart programming language - OOP - Flutter widgets - Design pattern - Bloc - Provider - StateManagement - MVVM - Clean Architecture - API's - Several Flutter Packages - GoogleMaps - Fire base - Git - GitHub - Jira - Hive - SharedPreference - payment integration - HTML - CSS - JavaScript - Bootstrab - MySQL database - Mongo DB - Linux - Angular - python - colab - Tensorflow - keras - Supervised Learning - Unsupervised Learning - Reinforcement Learning - problem solving skills (LeetCode)

Personal skills

Team Work - Creativity - Work under stress - Learning Flexibility

PROJECTS

Trade Mate [🔗](#)

Inventory Management App

Technologies : Clean Architecture , Repository Pattern , Cubit

- Add and manage products with stock levels and categories.
- Register suppliers and customers with full contact details.
- Create purchase (in) and sales (out) bills easily.
- Assign categories to each product for better organization.
- Track payments, discounts, and taxes in bills.
- View product and bill history with detailed reports.

BookMe [🔗](#)

book shop web application

Technologies : Firebase in web , Payment Integration , Cloudinary , Auth , Hosting

- Built a web-based e-commerce app with user login (email/Google) using Firebase Authentication.
- Created product catalog with pagination to reduce Firestore reads and stay within free-tier limits.
- Developed cart system with localstorage and Firestore sync.
- Integrated test payments using PayPal (no real transactions).

- Used Cloudinary to upload and compress product images.
- Developed an admin panel for managing products (add/edit/delete).
- Secured data access with Firestore rules and deployed via Firebase Hosting.

E-commerce [🔗](#)

e-commerce for shopping mobile application

Technologies : Restful API's , state management

- use API
- use clean architecture UI - domain - data) layers
- Cubit state management
- provide categories - brands - products - add to cart - profile - login - register - wish list

Movies [🔗](#)

movies mobile application using TMDP API

Technologies : Restful API's , MVVM , Git

- using TMDP API to get movies in this app
- provide popular ,upcoming and top related movies ,show details of any movie
- select a type and get the movies with the selected type ,search with specific movie name
- add a movie to your watch list or remove from it.

UI for education platform [🔗](#)

education platform UI

Technologies : responsiveness using Bootstrab

- using HTML , CSS , Bootstrab
- provide responsive page view

GEINIE [🔗](#)

gallery mobile application integrated with AI model using Flask

Technologies : integrate AI using Flask , Storage , Provider

- Developed a responsive mobile app for smart image management using Flutter and Firebase services.
- Integrated AI image captioning and semantic search via a Flask API using Sentence Transformers.
- Built key features: image upload/capture, AI-generated captions, smart search, and secure user auth.
- Applied MVVM architecture with Provider for clean state management and maintainable codebase.

Text classification model using CNN [🔗](#)

Sentiment140 dataset

Fruit recognition model [🔗](#)

fruit360 dataset

Text generation using an RNN model [🔗](#)

trained on Wikipedia articles

Mobile price classification [🔗](#)

Particle Swarm Optimization (PSO) and Linear Discriminant Analysis (LDA) with a Decision Tree classifier to classify mobile phone prices based on specifications.