RASHED RA'ED AL-AWAMLEH

Computer Science Graduate | Full-Stack Web & Mobile Developer (Flutter, Python)

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PROFESSIONAL SUMMARY

Computer Science graduate who builds full-stack, AI-integrated applications. Built and deployed an Arabic-language AI sales agent now used by a real store, backed by FastAPI, Supabase, 318 automated tests, CI and Docker. Led a 4-person team to deliver SmartPass, a Flutter and Firebase student app with a Gemini-powered academic assistant, as a graduation project. Uses AI-assisted workflows to move faster while keeping critical logic deterministic and tested.

TECHNICAL SKILLS

Programming Languages: Dart, Python, Java, C++, JavaScript, SQL, HTML / CSS
Mobile & Architecture: Flutter (iOS / Android), State Management (Provider / Bloc), REST APIs, Clean Architecture, Hive
Backend & APIs: FastAPI, Pydantic, Jinja2, Webhooks, Meta Messenger Graph API, Telegram Bot API
Cloud & Databases: Firebase (Auth, Firestore, Storage, Cloud Messaging), Supabase (PostgreSQL, Auth, Storage), Docker, Render
AI & Automation: LLM Integration (Gemini API), Python Scripting & Automation
Testing & Tools: pytest, Flutter unit & widget tests, GitHub Actions (CI), Git, GitHub, Postman, VS Code, Android Studio
Design & Media: Figma, Google Stitch, Wireframing, Prototyping, Adobe Premiere Pro, CapCut
Spoken Languages: Arabic (Native), English (Professional Working Proficiency)

KEY PROJECTS

AI Sales Agent for Facebook Messenger + Store Website & Admin Dashboard | Python, FastAPI, Supabase, Gemini API **2026**
Full-Stack Developer • github.com/rashedraed04/messenger-agent *Personal Project • Deployed*

- Built and deployed a Messenger sales bot, now live for a real store, that chats with customers in Jordanian Arabic, recommends products from the store's catalog, recognizes products from customer photos, and collects order details.
- Designed guardrails that keep JOD pricing, phone-number validation and the order state machine in deterministic code rather than the LLM, backed by dedicated prompt-injection tests.
- Developed an Arabic RTL admin dashboard and storefront (Jinja2, Bootstrap) on Supabase Auth, PostgreSQL and Storage, plus a bot simulator for testing and a daily Telegram order report.
- Secured the webhook with HMAC-SHA256 signature verification, CSRF protection and rate limiting; covered the codebase with 318 pytest tests, GitHub Actions CI and Docker / Render deployment.

SmartPass | Flutter, Dart, Firebase, Gemini API **2026**
Team Lead & Mobile Developer (team of 4) • github.com/rashedraed04/SmartPass *Graduation Project, University of Jordan*

- Led a team of 4 through the design, development and delivery of a cross-platform student app in Flutter, using clean architecture and structured state management.
- Integrated the Gemini API into an in-app academic assistant that gives students course and study guidance.
- Built a community forum with threaded discussions, voting and real-time updates, and a GPA Expectation Calculator that forecasts and visualizes a student's projected GPA.
- Set up the Firebase backend: authentication, Firestore real-time queries, security rules and cloud media storage.

Easy Set — Offline-First Gym Tracker | Flutter, Dart, Hive, Firebase **2026**
Solo Developer • github.com/rashedraed04/EasySet *Personal Project • Android*

- Built an offline-first Android gym tracker in Flutter for logging sets, reps and weight, building reusable routines, and running guided workouts that pre-fill last weights and auto-start a rest timer.
- Designed a local-first sync layer: Hive is the source of truth, so the app works with no network or account, and Google Sign-In mirrors data to Firestore in real time across devices without ever overwriting cloud data.
- Added personal-record detection (heaviest weight, Epley 1RM), fl_chart progress charts, Arabic RTL support and dark mode.
- Secured Firestore with per-user rules, set up release signing and obfuscation, and ran unit and widget tests in CI.

Job Application Automation Tool | Python **2026**
Developer *Personal Project*

- Wrote a Python script that automates repetitive job-application steps, with error logging and edge-case handling.

WORK EXPERIENCE

Freelance Video Editor **2017 – 2021**
Self-Employed *Amman, Jordan*

- Edited and produced video content and montages for regional clients over 4 years using Adobe Premiere Pro and CapCut.
- Managed client feedback and revision rounds while consistently delivering on tight deadlines.

EDUCATION

Bachelor of Science in Computer Science **Graduated: August 2026**
The University of Jordan — King Abdullah II School of Information Technology *Amman, Jordan*
Relevant Coursework: Data Structures & Algorithms, Software Engineering, Mobile Application Development, Database Systems, Object-Oriented Programming, Operating Systems, Computer Networks.