

MOHAMMED KARAM

Senior Software Engineer | Certified International Technical Trainer
(ACHDS – USA)

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PROFESSIONAL SUMMARY

Versatile **Software & IT Engineer** with **over 7 years of experience** in cross-platform mobile development, web technologies, and server administration. Skilled in analyzing complex requirements and designing scalable, secure systems, with practical expertise in **AI-assisted development (Vibe Coding)**, effective prompting, and code review. A **Certified International Trainer** accredited by the **American Council for Human Development Scholars (ACHDS, USA)**, with a track record of delivering **500+ hours of technical training, coaching, and mentorship**. Experienced in designing practical curricula and delivering **Flutter and AI-assisted development training** that equips learners to build, test, and refine real-world applications.

CORE COMPETENCIES

- **Server & Infrastructure Management:** Proficient in configuring and maintaining local, cloud, and application servers, including mail systems and backup protocols.
- **Web & Mobile Development:** Expert in building robust web applications using Laravel (MVC) and high-performance cross-platform mobile apps with Flutter.
- **AI-Assisted Development & Vibe Coding:** Skilled in using AI coding tools to develop, debug, and refactor applications through effective prompting, code review, and testing, with a focus on maintainability and security.
- **Cybersecurity & Networking:** Skilled in implementing security controls, managing firewalls, and overseeing access control to protect organizational digital assets.
- **Technical Training & Leadership:** Certified International Trainer (ACHDS) with expertise in curriculum development, developer mentorship, preparing professional training kits, and delivering practical Flutter and Vibe Coding training.
- **Database Administration:** Strong expertise in SQL, MySQL, and Eloquent ORM, focusing on database design, migrations, and performance optimization.

CERTIFICATIONS & ACCREDITATIONS

Certified International Trainer (CIT) | American Council for Human Development Scholars
(ACHDS, LLC - USA) [LINK](#)

- **Specialization:** Mobile Software Engineering (Flutter & Dart)
- **Credential ID:** ACHDS/26237519 | *Issued:* Jul 2026 – *Expires:* Jul 2028

EXPERIENCE

FLUTTER & AI-ASSISTED DEVELOPMENT TRAINER, Ajyal Association for Creativity & Development & Palestinian Non-Governmental Organizations Network (PNGO) & United Nations Development Programme (UNDP) | SEP 2026 – PRESENT

- Deliver a 47-hour Flutter development program combining 30 hours of practical training with 17 hours of coaching and mentorship.
- Train participants in AI-assisted development (Vibe Coding), emphasizing effective prompting, code comprehension, review, testing, and refinement.
- Teach Dart and Flutter fundamentals, UI development, navigation, state management, REST API integration, authentication, and database integration.
- Guide participants in applying structured project organization, Git workflows, debugging, security, performance optimization, and deployment practices.
- Mentor at least four groups through application planning, implementation, testing, and final presentations, with target outcomes of one complete application per group and at least two individual applications per participant.

FLUTTER MOBILE APPLICATION TRAINER, Qatar Red Crescent Society (QRCS) & Atfaluna Society for Deaf Children (ASDC) & Smart Step | FEB 2026 – AUG 2026

- Developed and delivered a comprehensive training and mentorship program to equip youth with market-ready Flutter development and freelancing skills.
- Led 140 hours of hands-on Flutter application development training, focused on building real-world, cross-platform mobile applications.
- Provided 180 hours of professional coaching and mentorship, including career guidance, mindset development, performance follow-up, and job-readiness support.
- Conducted 30 hours of freelancing training, preparing participants to enter the freelance market, communicate with clients, and submit professional proposals.
- Guided trainees through the complete application development lifecycle, from foundational assignments to advanced capstone projects.
- Evaluated trainee performance and provided continuous feedback to ensure learning outcomes aligned with current industry requirements.
- Delivered a total of 350 training, coaching, and mentorship hours.

FLUTTER MOBILE APPLICATION TRAINER, MASAHAAT | AUG 2026 – PRESENT

- Deliver Flutter application development training for two diploma cohorts, with 70 training hours per cohort and 140 scheduled hours in total.
- Teach Dart and Flutter through practical exercises, guiding trainees in application planning, user interface development, and implementing core functionality.
- Review trainee assignments, provide constructive feedback, and support participants in troubleshooting issues and improving code quality.

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FLUTTER APP DEVELOPMENT TRAINER, PEDIA LINK COMPANY | Mar-2025 - PRESENT.

- Led 5 intensive training batches (50 hours each), covering foundational to advanced Flutter concepts.
- Designed and evaluated comprehensive practical tasks to ensure mastery of core mobile development principles.
- Guided students in building and deploying functional applications for both Android and iOS.
- Provided technical mentorship and hands-on support throughout the full training lifecycle.

FLUTTER DEVELOPER, FLOW PATH | JUL 2025 – PRESENT (REMOTE).

- Engineered high-performance cross-platform apps using Dart/Flutter, ensuring pixel-perfect UIs (60fps) and seamless API/WebSocket integration.
- Architected scalable solutions with Bloc, Riverpod, or Provider, following Clean Architecture and SOLID principles for maintainable code.
- Optimized app performance and stability using Firebase services, Git/GitHub, and efficient local caching (Hive/SQLite) within Agile environments.

FLUTTER DEVELOPER, TECH ZONE (REMOTE) | OCT 2024 – MAY 2025.

- DANAB Customer Care: Developed a cross-platform support app featuring a ticketing system and real-time updates with an intuitive, responsive UI.
- Hilal Market App: Built a marketplace application integrated with product listings, shopping cart functionality, and secure payment processing.

FLUTTER APP TRAINER , WSLA TECHNOLOGY | APR 2022 - OCT 2023

- Trained 10+ batches (15+ students each) in building professional cross-platform mobile applications using Flutter.
- Developed technical curricula covering essential mobile development pillars: UI design, state management, and API integration.
- Mentored students on industry best practices, project lifecycle management, and successful freelancing strategies.

FLUTTER DEVELOPER, WSLA TECHNOLOGY | MAR 2022 – MAY 2023

- Radio Al Shabab: Developed a cross-platform app featuring 24/7 live audio streaming with a clean UI optimized for multi-device stability. [LINK](#)

- Amad Media: Built a news aggregator app using a single codebase for Android/iOS, focusing on responsive UI and structured content delivery. [LINK](#)
- GCMHP Referral: Engineered a mental health services platform to facilitate access to therapy and counseling for the Palestinian community. [LINK](#)

MOBILE APP DEVELOPER, MASABEH MARKET (REMOTE) | JAN 2020 – JUN 2020

- Engineered multi-platform applications for iOS and Android using Google's Flutter framework, ensuring alignment with business requirements.
- Designed and maintained complex product modules while collaborating with cross-functional teams on technical detailing and deployment.
- Executed full-cycle testing, including unit and integration testing, bug verification, and code reviews to ensure app stability and performance.

TRAINING COURSES & PAST ACCREDITATIONS

LARAVEL COURSE , VISION PLUS | SEP 2022 – DEC 2022

- Mastered Laravel fundamentals and MVC architecture to build structured web applications.
- Developed RESTful APIs and integrated backend logic with MySQL databases.
- Utilized Eloquent ORM for efficient database operations, migrations, and seeders.
- Implemented secure authentication, authorization features, and advanced CRUD operations.

MOBILE DEVELOPMENT INTERN, UCASTI – PALLANCER | JAN 2021 – MAY 2021

- Developed visually engaging and accessible mobile experiences , ensuring high-quality user interfaces for mobile devices.
- Participated in user research and testing to better understand customer needs and improve application usability.
- Shared responsibility for testing, releasing, and maintaining mobile applications throughout the project lifecycle.
- Collaborated with the development team to document architectural designs and provide constructive technical feedback.

FLUTTER DEVELOPER (FREELANCER), NDC | SEP 2021 – FEB 2022

- Certified Technical Professional in mobile application programming and cross-platform development.
- Trained Freelancer with expertise in attracting clients through remote work platforms and digital market strategies.
- Specialized in Instructional Design, focused on preparing professional training kits and comprehensive educational materials.

TOT (Training of Trainers) , NDC | MAR 2022 – MAY 2022 | [LINK](#)

- Certified Technical Trainer with professional credentials in teaching mobile application programming.
- Freelance Training Specialist equipped to coach students on navigating remote work platforms and business acquisition.
- Instructional Design Expert skilled in preparing comprehensive "Coach Bag" materials and professional training kits.

LEARN FLUTTER – BEGINNERS COURSE , UDEMY | SEP 2022 – FINISHED | [LINK](#)

- Mastered Flutter fundamentals and the Dart programming language to build cross-platform mobile applications for Android and iOS.
- Designed responsive user interfaces using core Flutter widgets and a single codebase approach.

FLUTTER INTRO VIEW COURSE, UDEMY | JAN 2023 - FINISHED| [LINK](#)

- Mastered building engaging onboarding experiences using the Intro Views Flutter package and PageView models.
- Implemented customizable Material Design layouts featuring animations, transitions, and circular reveal effects.
- Integrated advanced interactive features such as skip buttons and custom fonts to enhance the initial user introductory flow.

EDUCATION

ENGINEERING AND INFORMATION TECHNOLOGY - SOFTWARE AND DATABASES,
ALAZHAR UNIVERSITY | AUG 2020

LANGUAGE SKILLS

- Arabic: Native
- English: Conversational

JOB RELATED SKILLS

- Development: Flutter (Dart) for Mobile, Laravel (PHP) for Web, Java, JavaScript, Swift, C++.
- Server & Infrastructure: Web/Mail Server Management (Apache, Nginx), Cloud Hosting (AWS, DigitalOcean), SSL, Backup & Disaster Recovery, and Shell Scripting.
- Systems Analysis & Design: Requirements Engineering, SDLC (Software Development Life Cycle), Object-Oriented Analysis and Design (OOAD), and technical documentation.
- Architecture: Clean Architecture, SOLID Principles, Design Patterns, Bloc, Provider, GetX, Riverpod.

- Backend & Databases: RESTful APIs, Firebase (FCM, Firestore, Auth), SQL (MySQL, PostgreSQL), Eloquent ORM, Hive, SQLite.
- DevOps & Tools: Git/GitHub, CI/CD (GitHub Actions), Docker, Agile/Scrum, TDD, App Store & Play Store Deployment.
- UI/UX & Design: Figma, Adobe XD, Lottie Animations, Pixel-perfect implementation.

REFERENCES

Available upon request