Almahdi Elzalouk

Mobile Application Developer

📍 Misurata, Libya | 📞 +218 91 343 1908 | 📧 AlmahdiElzalouk@gmail.com

🔗 **LinkedIn**: https://www.linkedin.com/in/m-elzalouk | **GitHub**: https://github.com/m-elzalouk

🌐 **Portfolio**: https://almahdi.elzalouk.ly

Professional Summary

Mobile Application Developer and Software Engineer with a solid foundation in Computer Science, currently pursuing a Bachelor's degree at Misurata University. Participated in an Erasmus+ exchange at Sapienza Università di Roma, gaining international academic exposure to advanced computing topics. Demonstrated success in building cross-platform apps, leading student tech initiatives, and representing Libya in global competitions. Passionate about applying technology to real-world problems in cloud computing, AI, and mobile innovation.

Technical Skills

Languages & Frameworks:
Flutter (Dart), Kotlin, C# (.NET), Java, Python (Django, Flask, FastAPI), Node.js, React.js, HTML/CSS, JavaScript, SQL, NoSQL

Tools & Platforms:
Git, Docker, Postman, Android Studio, Visual Studio, VS Code, Firebase, Supabase, GitHub Actions

Development Practices:
Clean Architecture, MVC, RESTful API Development, CI/CD Integration, Testing & Debugging

Concepts & Methodologies:
UI/UX Design, API Integration, Database Management (MySQL, SQLite, Firebase), Agile/Scrum, Mobile Responsiveness

Soft Skills:
Problem Solving, Quick Learner, Team Collaboration, Communication, Time Management, Self-Motivation

Education

Bachelor of Information Technology – Computer Science
Misurata University, Libya — Mar 2021 – July 2025

- Active member of the Google Developer Student Club (GDSC)
- Led “Hour of Code” workshops to introduce students to programming
- Developer in the University Union tech team
- Participated in internal programming competitions (placed 1st in some local events)
- Top 30 finalist – Huawei *Seeds for the Future* Program (2023-2024)
- Top 3 finalist – Huawei ICT Competition, Cloud Track – Libya (2023–2024)
- Top-performing trainee – VMware Cloud Computing Camp (2023–2024)
- Completed additional training in cybersecurity, AI, and penetration testing
- Volunteered in technical training camps (2023–2024) (mobile app development, system testing, data analytics)

Erasmus+ Exchange Program – Computer Science
Sapienza Università di Roma, Italy — 2024 (One Semester)

- Studied advanced topics in cloud computing, AI, and software engineering
- Completed **A1 Italian Language Course** with official certification
- Engaged in cross-cultural academic collaboration with European peers

Certifications & Courses

- **CCNA (Cisco Certified Network Associate)** – Cisco
  Gained foundational knowledge in networking, routing, switching, and security principles.
- **Cybersecurity Fundamentals** – Cisco Networking Academy
  Covered network security, threat detection, ethical hacking basics, and risk management.
- **VMware Cloud Computing** – Libyan Academy for Communications & Informatics
  Hands-on training in managing virtual infrastructure, cloud storage, and network configuration using VMware.
- **Penetration Testing & Ethical Hacking** – Independent Study
  Practical exposure to vulnerability scanning, attack simulation, and securing applications and systems.
- **Foundations of Artificial Intelligence** – Online (e.g., Coursera/Udemy)
  Introduction to AI concepts, including machine learning models, classification, and natural language processing.
- **Italian Language Course (A1)** – Sapienza Università di Roma
  Completed introductory Italian language training with official certification during Erasmus+ program.

Professional Experience

Mobile Application Developer
Dalil Shafi Company – hybrid | Jun 2023 – Present

- Designed and developed production-grade mobile applications for Android using cross-platform solutions with **Flutter**
- Published applications on **Google Play**, ensuring seamless user experiences and responsive design
- Collaborated with internal teams to analyze user feedback and roll out updates that improved app performance and user satisfaction
- Integrated backend services, and real-time data features for health and delivery apps
- Participated in continuous improvement cycles including feature testing, performance optimization, and UI/UX enhancements

Mobile App Development Camp – Trainee
Libyan Academy for Communications and Informatics | Jan 2023 – May 2023

- Completed a competitive training program focused on **mobile app development** fundamentals and advanced practices
- Built working prototypes and end-user applications using **Flutter** and **Kotlin**, applying clean architecture and design patterns
- Collaborated in team-based challenges and presented final projects to a panel of instructors

Cloud Computing Trainee (VMware)
Libyan Academy for Communications and Informatics | Aug 2023 – Sep 2023

- Trained in **virtual infrastructure management**, **network security**, and **cloud resource automation** using VMware tools
- Deployed and configured **virtual networks and storage**, implementing best practices for scalability and fault tolerance
- Troubleshot system-level issues and optimized VM environments for performance and resource allocation

ICT Trainee – Seeds for the Future Program
Huawei Technologies, Libya | Sep 2023

- Selected among the **Top 30 students in Libya** for Huawei's flagship ICT talent development program
- Participated in intensive training on **5G**, **cloud computing**, **AI**, and digital transformation

- Gained insights into Huawei's global operations, innovation practices, and smart technology ecosystems
- Engaged in group projects with international mentors and peers to solve real-world ICT challenges

Projects

Dalil Care App – Google Play
Mobile health app for patient communication and appointments.

Mirsaly Delivery App – Android | iOS
Cross-platform delivery tracking and driver management system.

Achievements

- 🥈 **2nd Place – International Olympiad in Informatics**
  Garkaph International University, Turkmenistan | Apr 2024
  Competed among international participants in algorithm design and problem-solving; awarded silver for high performance.
- 🎓 **Top 30 – Huawei Seeds for the Future Program**
  Huawei Libya | Sep 2023
  Selected for Huawei's global ICT training program covering 5G, AI, and cloud computing. Gained hands-on experience through technical workshops and collaborative projects.
- 🥉 **Top 3 Finalist – Huawei ICT Competition (Cloud Track)**
  Huawei Libya | 2023–2024
  Recognized for technical excellence in cloud architecture and networking. Advanced to national finals through rigorous practical and theoretical assessments.

Languages

Arabic: Fluent

English: Good proficiency