



PERSONAL INFO

Date of Birth:  
14/05/1998  
Phone:  
+4791518316  
Location:  
Iasi, Romania  
Email:  
mouh1998s@gmail.com  
LinkedIn:  
<https://www.linkedin.com/in/mohammed-skouti-5822a01b9/>  
Github:  
<https://github.com/MohammedSkouti/>  
Portfolio:  
<https://mohammedskouti.github.io/portfolio/>

L LANGUAGES English

- (Fluent).
- Arabic (Native).
- German (Beginner).
- Romanian (Beginner).

TECHNICAL SKILLS

- Programming Languages: Java, Flutter ,C#
- Frameworks & Technologies: Spring Boot, Flutter, Azure Functions, Android
- Cloud Platforms: Azure, AWS
- Databases: SQL, MySQL
- Software Development: Backend Development, Web & Mobile App Development, System Optimization

RESUME SUMMARY

Highly skilled and detail-oriented Software Developer with expertise in Java, Spring Boot, Flutter, C#, Azure, AWS, Azure Functions, Python, SQL, and MySQL. Experienced in full-stack development, backend system architecture, and cloud-based solutions. Adept at designing and implementing scalable applications for enterprise and freelance projects, with a strong background in optimizing system performance and security. Passionate about solving complex problems and delivering high-quality software solutions.

EDUCATION

10/2021 - 07/2023.

Master’s Degree in Computer Science - Gheorghe Asachi Technical University. *Iasi, Romani.*  
Master’s Thesis – Multi-Agent Traffic Optimization (2023) (C#):  
-Developed an AI-driven traffic management system that dynamically adjusts traffic light timing based on real-time car density.  
-Implemented multi-agent systems to optimize traffic flow and prevent collisions.  
-Evaluated system efficiency through simulations, enhancing urban mobility and reducing congestion.

10/2016 - 02/2021.

Bachelor’s Degree in Information Technology - Arab International University *Damascus, Syria.*  
- Senior Graduation Project (2021): Designed a server connection-based load balancer using SDN (Java, Python).  
- Junior Graduation Project (2020): Developed a voice-controlled device management system (Python, C++, Raspberry Pi).  
- Snowman Shootout is a fun and interactive game where you control a snowman armed with a snowball cannon. Your goal is to shoot down as many targets as possible within a given time limit. The game is developed using C++ programming language and utilizes the OpenGL library for graphics rendering.

WORK EXPERIENCE

07/2023 - Present

Ultra Grup SRL. *Iasi, Romani.*  
Software Developer  
- Designed and developed backend components and microservices using Spring Boot and MySQL.  
- Built RESTful APIs, ensured security, scalability, and integrated third-party services.  
- Developed cross-platform mobile applications with Flutter and Firebase.  
- Connected Flutter apps to backend services, optimizing performance and user experience.  
- Worked in compliance with the Software Development Life Cycle (SDLC) and debugging best practices.

07/2021 - Present

Freelancer.*Damascus, Syria.*  
Software Developer  
- Developed mobile and web applications using Java-Spring Boot , MYSQL and Flutter.  
- Collaborated with clients to define project scopes, ensuring timely and successful deliveries.

12/2018 - 09/2019

Syriatel Mobile Telecom  
*Damascus, Syria.*

Software Developer  
- Developed web applications using Java-Spring Boot, MYSQL.  
- Enhanced legacy systems, improving performance and maintainability.  
- Contributed to the full software development lifecycle, from design to deployment.  
- Optimized the codebase to align with modern development standards.

## ARCHITECTURAL SKILLS

Based on practical applications from academic and professional careers.

Developed and optimized backend

- systems using Spring Boot and microservices architecture. Designed RESTful APIs for seamless integration across web and mobile applications.
- Built and maintained relational databases using SQL, MySQL, ensuring security and performance.
- Developed cross-platform mobile applications using Flutter, integrating Firebase for real-time updates.
- Worked with Azure and AWS for cloud-based application deployment and management. Implemented multi-agent AI systems for traffic optimization in the Master's thesis.
- Designed and developed load balancing algorithms using Java and Python for efficient network distribution.
- Created IoT-based automation projects with Python, C++, and Raspberry Pi.
- Followed agile methodologies and SDLC best practices for efficient project execution.

## PROJECTS Ultra Grup SRL: Survey App

[Survey.ugs.ro](#)

Technologies: Java-Spring Boot, MySQL

Developed a backend system for a survey management platform. Designed APIs for survey creation, response collection, and real-time data analysis. Integrated [Google Sheets](#) and [SharePoint](#) for data export. Enhanced database security and optimized query execution.

## Dow Corporate Website [Dow Corporate Website](#). [Corporate Dow](#)

Technologies: Java, AEM (Adobe Experience Manager)

- Implemented backend API endpoints and content management logic. - Developed integration solutions for dynamic content delivery. - Optimized backend architecture for security, performance, and scalability.

## Restaurant Watch App

Technologies: Java, Firebase, Android

- Built a task management app for restaurant staff. - Developed a Spring Boot backend for task allocation and tracking. - Designed an intuitive Android frontend for managers and waiters. - Integrated Firebase for real-time updates, authentication, and notifications.

---

## SMS Forwarder

Technologies: Native Android (Java/Kotlin)

- Developed an Android app to automatically forward incoming SMS messages to a specified number or email.
- Included keyword filtering, message logs, and background service for continuous operation.

## FJ (Flamenjoy) [Flamenjoy App](#)

Technologies: Flutter, Spring Boot

- Developed a cross-platform app connecting TikTok influencers with businesses. - Built a backend for influencer discovery, project management, and payments. - Designed and developed a user-friendly Flutter frontend.

---

## Ultra Go (Internal Ride-Sharing App) [Ultra Go](#)

Technologies: Flutter (Backend & Frontend), Firebase

- Created a ride-sharing app for internal company use. - Developed backend using Flutter's server-side features and Firebase for real-time data. - Implemented ride-matching logic and real-time geolocation tracking.

---

## Freelance: Morph

Technologies: Flutter (Backend & Frontend), Firebase

- Built a Flutter app (iOS, Android, Web) with Firebase and OneSignal for ticket management.

## Morph

Technologies: Java-Spring Boot

- Developed an Admin Dashboard for ticket management, analytics, and user administration.

## School Dashboard

Technologies: Java-Spring Boot

- Created a student management system allowing parents to track grades and submit tickets

## Celebrity System

Technologies: Spring Boot (Java), React, Android, Firebase

- Built a multi-role platform (Admin, Supervisor, Company, Customer) with role-based access, dynamic screen allocation, and real-time analytics.
- Managed PostgreSQL, JWT authentication, REST APIs, and integrated Firebase and OneSignal.

## Ultra Robot

Technologies: Android

- Built an AI-powered Android-based robot with OpenAI integration for conversational AI.