

# Ibrahim Alhefdhi

Development Team Lead | Technical Lead | Software Engineer | Mobile Developer  
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## Summary

**Development Team Lead and Software Engineer with 4 years of experience delivering national-scale systems and enterprise platforms. Skilled in leading cross-functional teams, architecting secure and scalable solutions, and modernizing legacy systems. Proven record of improving system performance, ensuring integration reliability, and maintaining compliance with governance and cybersecurity standards. Experienced mentor and trainer, having supported 250+ developers as part of Saudi Vision 2030 initiatives. Currently leading the development team in the Entry Points & Travel Systems Program at SDAIA, driving innovation, efficiency, and operational excellence in national travel platforms.**

## Experience

### **SDAIA, Riyadh**

*Development Team Leader, 02/2025-Present*

Lead the development team for the Entry Points & Travel Systems Program, delivering secure and efficient platforms for national travel operations.

- Guided the team in overcoming technical challenges to ensure smooth progress and high performance.
- Gathered and analyzed stakeholder requirements and translated them into actionable technical solutions.
- Directed system architecture improvements to enhance scalability, performance, and long-term reliability.
- Ensured compliance with governance and cybersecurity standards.
- Managed technical change requests and maintained secure system integrations.
- Prepared and delivered periodic progress reports to stakeholders, ensuring transparency and alignment.
- Applied strong time management and backlog prioritization to optimize delivery of high-value features.

### **Sahab Company, Riyadh**

*Senior Front End Mobile Developer, 11/2024-02/2025*

Contributed to Asefnee and Paramedic projects integrated with the Red Crescent CAD system to improve ambulance response times and address cybersecurity vulnerabilities.

- Resolved 15+ penetration test issues reported by the NCA, strengthening system security.
- Enhanced Paramedic app usability by implementing UX expert recommendations.
- Reviewed and updated application code to align with new architectural standards.
- Integrated SDKs for live chat, video, and voice communication features.

### **SDAIA, Riyadh**

*Technical Team Leader for (Development and Operation), 10/2023-11/2024*

As a Technical Team Lead, I collaborated with the Security Initiatives Program on the NABA project to deliver a high-standard national notification platform that sets a benchmark for future projects.

- Improved SMS delivery success rate on the national notification platform by over 15%.
- Reduced web service response time by over 3 seconds on the national notification platform.
- Led requirements gathering, BRD reviews, and translation into user stories and sprint plans.
- Designed scalable infrastructure while maintaining and enhancing legacy systems.
- Ensured governance, cybersecurity, and compliance standards across all services.
- Mitigated project risks and resolved security and penetration testing findings.
- Collaborated with the Business Continuity team to launch SDAIA DR of the national notification platform.

### **SDAIA, Riyadh**

*Software Developer, 05/2021-10/2023*

Contributed to the GIS program (GISM & GISID) in multiple roles, including front-end, back-end, and business analysis, while providing technical and consulting support.

- By analyzing the workflow of GISM web services, we reduced the response time by more than 5 seconds.
- Ensured compliance with organizational policies, governance standards, and cybersecurity requirements.
- Gathered and analyzed GISM project application requirements from multiple end-users and stakeholders.
- Analyzed existing systems for the GISM project and developed business requirements documents.
- Reviewed documentation and contributed to application architecture design for GISM and GISID projects.
- Contributed to test case design and UI/UX improvements for GISM applications.
- Develop and integrate a governmental mobile application with external device SDK and other systems.
- Collaborated with the Business Continuity team to launch SDAIA DR of the GISM.
- Mitigated security risks and resolved vulnerability and penetration testing findings for GISM applications.

### **Tech Shop, Riyadh**

*Mobile Developer Trainer, 06/2021-Present*

Serve as a mobile development trainer at Tech Shop KSA, sharing expertise with aspiring developers and supporting their professional growth through hands-on training and workshops.

- Training more than 200 people to start developing apps using Flutter.
- Training more than 50 people to start developing app prototypes using Figma.
- Gives courses in mobile development using cross-platform technology (Dart & Flutter framework).
- Conducting workshops on best practices for mobile development.
- Leads workshops on converting UI design into a mobile application.

### **AWAN, Riyadh**

*Mobile Developer, 10/2021-01/2023*

Worked as a part-time Mobile Developer at AWAN, an IT solutions company established in 2008.

- Developed the Wadi Halfa Store mobile application from design to deployment.
- Contributed to enhancing and optimizing the Cards Cart application.
- Integrated mobile application frontends with backend systems and APIs.
- Implemented integrations with third-party services and external platforms.

### **Skills**

**Technical:** Flutter, Dart, Java, C#, .NET, SQL, Firebase, REST APIs, Microservices, Git, CI/CD, Docker.

**Leadership & Collaboration:** Team Leadership, Problem Solving, Interpersonal Skills, Teamwork, Creativity

**Software Engineering:** Testing, System Modernization, Cross-Platform Development, Secure Architecture Design

### **Education**

Bachelor, Graduation Year (09/2017-07/2021), King Saud University, Riyadh.

**GPA (4.70/5)**

### **Courses**

[BSC Foundation Certification in Business Analysis](#) (2023), Global Knowledge, Riyadh

[Flutter & Dart - The Complete Guide \[Arabic Edition\]](#) (2021), Udemy, online

[Android Basics Nanodegree by Google](#) (2020), Udacity, online

### **Languages**

Arabic / Native

English / Proficient