



Abdulrahman Al-Hamed (Ahmed Mirza)

Software Engineer

CONTACT INFORMATION

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SUMMARY

Results-driven **Software Engineer** specializing in **banking software**, **enterprise IT solutions**, and **cloud-based applications**, with **9+ years of experience** in IT and **3+ years** in software development. Expertise in **.NET**, **Flutter**, **Golang**, and **cloud technologies** with a proven track record in **system optimization**, **automation**, and **security**. Adept at **leading development teams**, **integrating scalable architectures**, and **enhancing system efficiency**. Strong ability to bridge technical and business requirements, ensuring seamless solutions. Fluent in **English and Arabic**.

WORK EXPERIENCE

CAC Bank — Aden, Yemen — Systems Developer Officer

December, 2023 - PRESENT

A comprehensive banking institution dedicated to offering modern banking services using advanced technologies, adhering to regulations, and meeting international quality standards.

- **Spearheaded** the development of **banking software solutions**, enhancing **operational efficiency** using **.NET(C#)**, **Java**, **JavaScript**, **Oracle**, **MSSQL**, and **Git**.
 - **Led** the deployment of a **WhatsApp chatbot**, reducing customer service inquiries and improving response time.
 - **Implemented** a **WebLogic authentication integration**, reducing manual credential management time by **50%** and improving security.
 - **Engineered** **three real-time notification services**, ensuring **99.9% uptime** for banking transactions and streamlining alerting mechanisms.
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Alarabiya Soft — Aden, Yemen — *Software Developer*

July, 2022 - December, 2023

Al-Arabia Soft Systems and Technical Solutions provides accounting and administrative software systems.

- Developed **financial solutions** using Flutter, .NET, Golang, and database solutions (Oracle, PostgreSQL, MSSQL).
 - Designed and deployed a **Reports Application** for an accounting system, improving data accessibility and analysis efficiency.
 - Optimized the **General Ledger module**, streamlining **financial transaction processing** and reducing errors.
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Alarabiya Soft — Aden, Yemen — *Technical Support and Maintenance*

March, 2022 - July, 2022

Al-Arabia Soft Systems and Technical Solutions provides accounting and administrative software systems.

- Created a **barcode generation application** for inventory management, boosting efficiency for retailers.
 - **Provided technical support & troubleshooting.**
 - Collaborated with the development team to fix bugs and implement new features.
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Freelancing — Aden, Yemen — *IT*

2016 - 2023

- Developed & optimized a **service & product request platform** using Flutter & Firebase, enhancing digital service accessibility.
 - Provided **IT consultancy and custom software solutions** to businesses.
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EDUCATION

University of Aden - Faculty of Engineering, Aden, Yemen — *Bachelor of Sciences in Computer Science & Engineering*

November, 2016 - December, 2021

4.19/5.00.

Aden Model High School, Aden, Yemen — *High School Diploma*

September, 2014 - November, 2015

90.79/100.

SKILLS

- Programming Languages: Dart, C#, Golang, JavaScript, Python.
- Frameworks & Tools: Flutter, .NET Core, Node.js, React, Next.js.

- Development Tools: Git, GitHub, REST APIs, Firebase.
 - Databases: Oracle, PostgreSQL, MSSQL.
 - Data Management: Data entry, Validation, Cleansing, Reporting.
 - Soft Skills: Problem Solving, Strong Communication, Team Collaboration, Adaptability, Flexibility, Attention to Detail, Fast Learner, Work Under Pressure
 - Other Skills: IT Operations, Troubleshooting, Basic Networking.
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PROJECTS

Weblogic's Custom authentication provider — CAC Bank

2025

Integrated WebLogic with Oracle Flexcube to authenticate CAC Bank employees using their existing Flexcube credentials, eliminating the need to create new users and groups in WebLogic. This solution provides more granular access control and streamlines login management for the OBIEE reporting system.

WhatsApp Chatbot — CAC Bank

2025

It provides interactive user experiences by handling basic and advanced functionalities. It uses a bot builder for common queries and JavaScript with Firebase for dynamic, real-time responses.

Bank Notifications Services using WhatsApp cloud APIs— CAC Bank

2024

Three .NET C# services integrated with WhatsApp Cloud APIs were developed for the bank's systems. They use REST API, database polling, and SOAP API to ensure real-time, accurate, and reliable customer notifications.

Receiving money transfers using fingerprint— CAC Bank

2024

This standalone fingerprint-based money transfer system, built with Python Django and .NET services, ensures secure authentication and user-friendly management. It's designed for future integration with the bank's financial systems.

Correspondence and archiving system— CAC Bank

2024

The Correspondence and Archiving System streamlines document management using an open-source CMS, customized with TypeScript for advanced functionality. PostgreSQL ensures efficient data storage and retrieval.

Reports Application for an accountant System— *Alarabiya Soft*

2023

This Flutter and .NET-based application provides cross-platform access to account statement reports. It integrates with an Oracle database via stored procedures, ensuring accurate and efficient financial data retrieval.

General Ledger of an accountant System— *Alarabiya Soft*

2023

The General Ledger Module, built with C# and Oracle, manages financial transactions like journal entries and payments.

Online Service & Product Request Application— Freelancing

2022 - 2023

This Flutter and Firebase-based app allowed users to request services or products and receive offers from providers. The project, however, was abandoned by the owner before implementing key functionalities like payment integration.

School App — *Alarabiya Soft*

2022

The School App, built with Flutter, Go, Postgres, and MSSQL, aimed to manage student data and enhance school-parent communication. The project was abandoned before release as the company shifted focus.

Barcode Maker— *Alarabiya Soft*

2022

The Barcode Maker, built with .NET C# WinForms and Oracle, simplifies barcode generation for products, essential for inventory management. Its success led to my transition from technical support to the development team.

AWARDS AND RECOGNITION

CAC Bank, Aden, Yemen — Certificate of Thanks and Appreciation

January 13th, 2025

Awarded in 2025 in recognition of outstanding efforts and significant contributions in accomplishing tasks, achieving the bank's objectives, and demonstrating exceptional dedication and a high sense of responsibility.

LANGUAGES

- Arabic - Mother Tongue
 - English - Proficient
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