



# MUNIRA ALESSA

FRESH GRADUATE SOFTWARE ENGINEER

## PROFILE

A Software Engineer who has a strong interest in Mobile and Web Applications Development, UI/UX Design and Quality assurance. She can effectively apply software engineering practice over the entire system lifecycle SDLC.

## EDUCATION

### King Saud University

Bachelor of Science in Software engineering

- Class honor
- Current GPA : 4.63

## EXPERIENCE

### Trainee | Jun 2022 - Present

Quality Assurance Engineer at SDAIA

- Ensuring that workflows and processes comply with business requirements.
- Write Test scenarios and report risky discovered bugs
- Design and execute QA tests using scripts that automatically test functionality.
- Run tests for databases, systems, APIs, and software.

## SKILLS

### Personal Skills

Web Development, Mobile Development, Quality Assurance  
SW Analysis, Data Analysis, UX/UI Analysis

### Coding Languages

Java, JavaScript, HTML/CSS, Python, Swift, MySQL, SQL, PHP

### Frameworks/Systems

Anaconda, Bootstrap, AJAX, jQuery, JSON, React native, React.Js

### Tools

Adobe Photoshop, Xcode, GitHub, Visual Studio, Figma  
MySQL Workbench, Android studio

## PROJECTS

### Graduation project leader/system analyst | Sep 2021 - Jun 2022

*Thaheen mobile application ( Graduation project )*

- Developing using waterfall methodology
- Analyzing the system needs
- Design UML diagrams and domain models.
- Develop Backend and Frontend using React native.

### Data analyst| Feb 2021 - May 2022

Conduct sentiment analysis about JAHEEZ application ( Course project )

- Collect data using Twitter API
- Using various python libraries to process the data ( numPy, panda, io, re )
- Conducting a descriptive and predictive analytics
- Visualizing the data results using python libraries ( Matplotlib, sklearn.metrics , sklearn.linear\_model and more )

### Application developer & Tester | Aug 2021 - Jan 2022

*Afaad mobile application ( Course project )*

- Developing using agile methodology
- Elicit software requirements
- Design system architecture.
- Design user interfaces.
- Test system functionality.

### Web developer | Jan 2021 - Jun 2021

*WEBSITE TO ENHANCE THE RECRUITMENT OPPORTUNITIES (Course project )*

- Develop Frontend using HTML/CSS, JavaScript
- Develop Backend using PHP, xampp, phpmyadmin, MySQL

### Software Architecture Designer | Jan 2021 - Jun 2021

*MOVIX system (Course project )*

- Choose the appropriate software architecture.
- Specify system domain problem
- Design structural models.

### Database Designer| Jan 2021 - 2021 Apr

*Database project (Course project )*

*designing a complete database management system*

- Design Database Structure using SQL
- Implementing a relational database

### System/UI Analyst | 2020

*Payment roll system*

- Elicit software requirements from the stakeholders.
- Deliver SRS documents to build the system.

### iOS Developer | 2020

*Voting management system*

- Write security requirements.
- Propose a recovery plan and business continuity plan.
- Develop a secure iOS application using swift.
- Design user interfaces.
- Perform Static/Dynamic analysis.

### Software engineer | 2019

*Web-based book ordering system*

- Elicit software requirements from the stakeholders.
- Design UML diagrams & user interfaces.