

BUSHRA QAWEQJI

SOFTWARE ENGINEER

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SUMMARY

A fresh graduate Software Engineer with expertise in Flutter and Java development, specializing in mobile app development, state management (Cubit), and Firebase integration. Strong foundation in object-oriented programming (OOP), including inheritance, encapsulation, and design patterns, with experience in Java Swing for GUI applications. Well-versed in data structures and algorithms, with a solid understanding of problem-solving techniques and efficient coding practices.

EDUCATION

Bachelor of Software Engineering | 2021 - 2025

The Hashemite University

GPA: 3.84 (Ranked 1st in Class)

CERTIFICATIONS & TRAININGS

Java Programming From Zero to Hero - HTU (AL-Hussein Technical University)

- Supported by the Abdulla Al Ghurair Foundation and the Crown Prince Foundation (CPF).
- Completed a Java programming training program, focusing on core concepts and advanced techniques.
- Set up the development environment, covering software development life cycle, problem-solving, and version control.
- Learned coding fundamentals, including conditional statements, loops, arrays, functions, and algorithms.
- Gained expertise in object-oriented programming (OOP) principles such as modifiers, encapsulation, inheritance, and design patterns.
- Developed event-driven applications using Java Swing, focusing on GUI design and event listeners.
- Mastered debugging techniques, exception handling, and working with files in Java.
- Preparing for **Oracle Certified Associate (OCA)** Java certification exam.
- Certificate Link: <https://www.credential.net/f797895e-d76e-4dab-8054-9c220ad30c9f#acc.jXtpUoY>

Quality Assurance Training - Futeric Company (On-site)

- Gained in-depth knowledge of the Testing Development Life Cycle (TDLC) and key SDLC models (Waterfall, V-Model, Agile, Scrum).
- Mastered black-box testing techniques, including equivalence partitioning, boundary value analysis, and pairwise testing.
- Enhanced efficiency through Java programming for software testers.

Backend Development Training – Cirrusgo Company (On-site)

- Completed an intensive one-month backend training program focused on real-world cloud-native applications and modern API design.
- Gained hands-on experience with:
- Python and FastAPI for building RESTful APIs with robust data validation using Pydantic.
- SQLAlchemy for database interaction and ORM modeling.
- AWS Services including Lambda, S3, SQS, DynamoDB, and Boto3 for serverless backend development.
- Implemented authentication, asynchronous programming, and clean architecture principles.

COURSES

Flutter & Dart Development Course - Udemy

- **Flutter & Dart Foundations.**
- **Widget-Based UI Development:** Mastery of Stateless and Stateful Widgets, responsive layouts, and handling user interactions.
- **State Management with Bloc:** Implementing the Bloc pattern for efficient state management, managing app states, and ensuring scalable architecture.
- **Navigation & Routing:** Efficient screen transitions using named routes, data passing mechanisms, and UI structures like Drawers and Bottom Navigation Bars.
- **Firebase Integration:** Authentication (Email/Password, Google Sign-In), Firestore database CRUD operations, and Firebase Storage for media handling.

UI/UX Design - Zain Zinc

PROJECTS

Masar - The Hashemite University

- Developed a mobile app using **Flutter** for the **Driver and Vehicle Licensing Department (DVLD)**, offering a range of services to streamline user experience.
- Key features included **issuing and renewing licenses**, **booking appointments** for written and practical tests, and **issuing digital licenses** for users.
- Implemented a **payment mechanism** for users to complete transactions securely.
- Supported **Arabic and English** languages to cater to a broader audience.
- Integrated **Firebase** for user authentication, real-time database management, and notification services.
- Utilized **Cubit** and **GetX** for **state management** to ensure a smooth and responsive user experience.
- GitHub: https://github.com/BushraKawikji/Flutter_Projects/tree/main/masarApp-main/lib/views

SKILLS

- **Time Management:** Highly organized, with a strong ability to manage multiple tasks efficiently and meet deadlines.
- **Problem Solving:** Skilled at analyzing problems and finding effective solutions with a logical, methodical approach.
- **Continuous Learning & Self-Motivation:** Self-driven and passionate about learning new technologies, methodologies, and improving skills through continuous self-development.
- **Hard Work & Dedication:** Committed to putting in the effort required to achieve goals and overcome challenges, with a focus on delivering high-quality results.
- **Communication & Presentation:** Excellent verbal and written communication skills, with the ability to present complex ideas clearly and confidently.
- **Patience & Attention to Detail:** Demonstrates patience and focus, ensuring thoroughness and accuracy in all tasks.

LANGUAGES

- **Arabic:** Native
- **English:** Excellent

PROGRAMMING LANGUAGES

- Java
- Python
- C++
- HTML
- CSS