SULTAN BASHAMMAKH

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Education

King Abdulaziz University Jeddah.SA   Gradated in July 2024

Bachelor of science in Information Technology (**Software Engineering & Database Management)**

Experience

- **Royal Commission of Jubail and Yanbu,**   **Software engineer**   **July 2023 – October 2023**

  I was responsible for developing notifications and accept/decline functionality, successfully managing the overall project, designing user interfaces, and implementing innovative solutions.

  Though I was unable to complete the final delivery due to time constraints, this engagement allowed me to gain valuable hands-on experience across the software development lifecycle - from requirements gathering and project planning to iterative prototyping and partial implementation.

- **Teqnia Team**   **Developer Consultant**   **October 2024 – Jan 2025**

  I volunteered as consultant developer for Teqnia Team, attending meetings and providing suggestions to help them improve and develop their projects. I actively contributed to their development process by offering guidance and expertise to enhance their overall work.

- **Vista for Information Technology**   **AI Developer**   **December 2024 – December 2024**

  I developed an AI-powered chatbot assistant for their website. The chatbot was designed to assist customers by answering their queries efficiently and enhancing the overall user experience. To speed up the development process, I utilized some third-party resources and tools, ensuring quick and effective implementation.
  I focused on creating a user-friendly chatbot tailored to the company's requirements. I also conducted thorough testing and debugging to ensure the system worked reliably, providing seamless and accurate interactions for website users.

- **Salama Insurance Company**   **Mobile Application Developer**   **January 2025 - present**

  As a Flutter Mobile Application Developer at Salam Insurance Company, I develop and maintain cross-platform mobile apps for Android and iOS. I focus on delivering seamless, user-friendly experiences by optimizing performance, integrating key features, and ensuring data security, while collaborating closely with product and design teams to enhance functionality.

Skills

- ***Programming Languages:** Java, Python, C#, JavaScript, PHP, Kotlin, Dart
- ***Frameworks:** Agile Framework, React.js, Spring boot, Flask, FastAPI, TensorFlow, PyTorch
- **Tools:** Wireshark Network Monitoring, .NET Software, Git, Docker
- **Platforms:** AWS, Azure, Google Cloud
- **Soft Skills:** Team Leadership, Problem Solving , Communication , Time Managements
- Tech Skills: Computer Maintenance, Database Management

Certifications

JavaScript Essentials (Cisco)	22-hours
Training for developers (Microsoft)	30-hours
Training for cloud IT (Microsoft)	25-hours
Threat Hunting and Detection (Udemy)	14-hours
Android App development (Udemy)	15-hours
Flutter (King Abdulaziz University)	3 weeks
Data Scientist (INE) (Saudi Digital Academy)	6 months
AWS DevOps Engineer (Amazon + Tuwaiq Academy)	1 month
AWS Developer Associate (Amazon + Tuwaiq Academy)	1 month

Projects

Plants App: Agriculture Diagnostic and Tracking Using AI

- **Role:** Developer

- **Technologies:** React.js, Python, TensorFlow

- **Description:** Designed a mobile application aimed at enhancing agricultural productivity. Features included diagnosing plant viruses, assessing harvest readiness, and tracking watering schedules. Collaborated with a team and successfully presented the project at graduation.

University Events System

- **Role:** Developer

- **Technologies:** JavaScript, MySQL

- **Description:** Led the development of a web-based system to streamline event creation, coordination, and ticketing for the university. Focused on optimizing information accessibility and enhancing user registration processes.

Stock Inventory Management System

- **Role:** Developer

- **Technologies:** .NET, Relational Database

- **Description:** Designed and implemented a comprehensive stock inventory management system, establishing interconnected database entities to manage inventory operations effectively. Improved processes for tracking, ordering, and reporting inventory.

Stock Market Analysis

- **Description:** Conducted an analysis of stock market prices, including the creation of graphs to visualize price changes over time.

Achievements and Involvement

- **Clubs:**

    o   Member of the Google Club at KAU

    o   Member of the Cybersecurity Club at KAU

    o   Member of the Programming Club

    o   Member of Cyber Hub

    o   Member of Good Middle East

- **Events Attended:**

    o   Leap 2022

    o   AI Gain Summit

    o   Black Hat