

Abdulrahman Khaled Hassan

Software Developer

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Date of Birth: 14th Dec 1999 | Gender: Male

Professional Summary

Recent graduate in Informatics and Computer Science, highly motivated and eager to contribute to innovative software development. Proficient in Java, JavaScript, React, and database management, with a solid understanding of object-oriented programming (OOP). Skilled in developing dynamic web applications and managing databases. Eager to grow in the exciting fields of IVR, voice-bots, and chatbot development, with a passion for integrating technologies like Spring Boot and React JS into practical, real-world applications. Adept at working in collaborative environments and excited to learn new technologies and methodologies.

Education

Bachelor of Science in Informatics and Computer Science

The British University in Egypt | Cairo | Graduated: 2024

Technical Skills

- **Programming Languages:** Java (Core), JavaScript, Python, SQL, HTML, CSS
- **Web Technologies & Frameworks:** React JS, Spring Boot, Flask
- **Database Management:** MySQL, PostgreSQL, MongoDB, MS SQL Server
- **Software Engineering:** Object-Oriented Programming (OOP), Algorithms, Data Structures, Web Development
- **DevOps & CI/CD:** Git, GitHub, Jenkins, Test-Driven Development (TDD), Behavior-Driven Development (BDD)

- **Bot Technologies:** Basic experience with chatbot flows, willing to learn IVR & Voice-bot integration
 - **UI/UX Design:** Figma, Responsive Web Design (Flexbox/Grid)
 - **Tools & Platforms:** Visual Studio Code, Eclipse, IntelliJ IDEA, MS Office (Advanced)
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Certifications

- **IBM Introduction to DevOps** | Credential ID: UFNJECU9W6AM | Feb 2024
 - **IBM Application Security for Developers and DevOps Professionals** | Feb 2024
 - **Duke University: Java Programming - Solving Problems with Software (Honors)** | Credential ID: 6T447ET9L78B | Apr 2024
 - **IBM Python for Data Science, AI & Development** | Feb 2024
 - **IBM Introduction to Agile Development and Scrum (Honors)** | Credential ID: 9WFUDQBHX4DB | Feb 2024
 - **IBM Introduction to Cloud Computing** | Feb 2024
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Projects & Contributions

1. Traffic Management System

- Developed a traffic violation analysis system utilizing Python and data analytics to automate safety recommendations. Integrated data from relational databases (MS SQL and MySQL) for storing violation records.

2. Gym Management System

- Created a gym management platform with integrated payment processing, designed with React JS and Spring Boot for secure backend services and MongoDB for data storage.

3. Account Management System

- Developed an account management system using Java for backend services with Spring Boot and JavaScript (React) for the UI. Integrated MySQL for user roles and permissions management.
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Additional Skills

- **Java Development & Spring Boot:** Strong understanding of Java and willing to apply Spring Boot in developing scalable applications.
 - **Relational Databases:** Extensive experience with MySQL, PostgreSQL, and MS SQL Server.
 - **Chatbot & IVR Flow Design:** Basic knowledge of chatbot flow design; willing to expand expertise in IVR and voice-bot systems.
 - **UI/UX Design & Frontend Development:** Proficient in responsive design with Flexbox/Grid and experience creating user-friendly interfaces using React and Bootstrap.
 - **CI/CD & Agile Methodologies:** Experience in Test-Driven Development (TDD) and Behavior-Driven Development (BDD) for improved software quality.
 - **Team Collaboration & Problem-Solving:** Effective in working within teams and troubleshooting technical issues in collaboration with other developers.
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Languages

- **Arabic:** Fluent
 - **English:** Fluent
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Key Strengths & Interests

- **Analytical & Problem-Solving:** Strong capability in troubleshooting and debugging complex issues, with a focus on delivering high-quality code.
 - **Adaptability & Continuous Learning:** Quick to adapt to new technologies, including bot frameworks, Spring Boot, and chatbot development tools.
 - **Team Collaboration:** Enjoy working in cross-functional teams and eager to contribute to product design and development.
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References

Available upon request.

