

SARA ALSALEM

Information Technology

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SUMMARY

Recent Information Technology graduate from Princess Nourah University with a Bachelor's degree, passionate about programming, project management, and cybersecurity. Demonstrated my ability to apply theoretical knowledge in real-world projects through hands-on experience as an intern. Proficient in Java and SQL, with practical skills in tools such as GitLab, Postman, and Jira. Seeking a dynamic role that fosters innovation and supports professional growth in the IT field.

EDUCATION

• Bachelor of Information Technology

Princess Nourah University, 2025

EXPERIENCE

COOP Training

General Organization for Social Insurance (GOSI)

January 2025 – April 2025

- Enhanced organizational and planning abilities while collaborating with diverse teams.
- Developed front-end interfaces and integrated back-end functionalities as a Full Stack Developer.
- Conducted software testing on user stories, identifying and reporting bugs to ensure quality
- Gained experience in Java, SQL, and database management, as well as frameworks such as Angular and Spring Boot, and tools like GitLab and Postman.

TRAINING COURSES & CERTIFICATIONS

- Database Foundation | Oracle Academy
- Microsoft Certified: Azure AI Fundamentals
- Queen Mary University of London |Stepping Up: Leading Others
- Agile Software Testing| Tuwaiq Academy

ACHIEVEMENTS

Liver Transplant System | Oracle, SQL | 02/2023

- Designed and implemented a database system to manage liver transplant data, enhancing patient care and operational efficiency.

Learning Dashboards Systems | UI | 04/2024

- Created LearnUniverse, a mobile app centralizing educational resources for improved accessibility.

Iris Recognition Systems | MATLAB, Image Processing | 11/2024

- Developed an iris recognition system in MATLAB, utilizing image processing for secure biometric authentication.

LiverCancerDetection Systems | Python, Deep Learning | 04/2025

- Developed an optimized deep neural network model for liver cancer diagnosis using (CNNs) integrated with (PSO) techniques, enhancing early detection accuracy and addressing limitations of traditional diagnostic methods.

SKILLS

Technical Skills:

- Java, HTML/CSS, JavaScript, TypeScript, Assembly, Python, SQL
- Spring Boot, Angular, Microsoft Office, Cisco Packet Tracer
- MATLAB, Visual Studio, IntelliJ IDEA, Postman, Jira-XRay, GitLab

Soft Skills:

- Communication, Teamwork
- Self-Learning
- Leadership
- Time Management
- Problem Solving

LANGUAGES

- Arabic | Native
- English | Advanced