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# HESHAM T. BANAFA

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## PROFESSIONAL SUMMARY

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Professional system engineer with proven track record in designing, implementing, and maintaining complex IT systems. Skilled in server management, network configuration, and cybersecurity measures. Strong focus on team collaboration and adaptability to evolving project requirements. Reliable problem-solver with passion for achieving optimal results.

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## ACCOMPLISHMENTS

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- Won 2nd place in "The Eye Hackathon using AI" - KKESH & SDAIA
- Mawhiba Alumni
- Collaborated with team of 5 in the development of a Smart Building System (IOT).

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## WORK HISTORY

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**System Engineer**, 08/2024 - Current

**Resilience Co.** – Riyadh

- Maintain IT Systems
- Develop solution integrations
- Develop GPT-RAG AI engine as a solution
- Basic Penetration testing
- Provided expert support for end-users, ensuring optimal system performance and user satisfaction.
- Trained junior engineers on best practices related to system administration, providing guidance and mentorship for their professional growth.
- Explored emerging Linux technologies and tools to maintain currency in the field, upholding a cutting-edge infrastructure.

**Software Consultant**, 03/2022 - 08/2023

**Saudi Comapny for Future Solutions** – Jeddah

- Debugged complex software issues, leading to a more stable product release.
- Participated in regular code reviews, ensuring high-quality standards were consistently met across all development efforts.
- Improved software efficiency by troubleshooting and resolving coding issues.
- Managed 3 Software Project development cycles

- Improved software performance by identifying bottlenecks and optimizing code.

## **Platform Architect & Developer, 01/2022 - 12/2022**

### **Waredat – Jeddah, Saudi Arabia (Remote)**

- Collaborated with cross-functional teams to deliver high-quality software products on time and within budget.
- Bridged communication gaps between technical and non-technical stakeholders by translating complex concepts into easily digestible information for informed decision-making processes.
- Created proof-of-concept applications to showcase platform capabilities and attract prospective clients or partners.
- Mentored junior team members in best practices for platform design and development, fostering a culture of continuous learning and improvement.
- Established robust security protocols for the protection of sensitive data, maintaining a safe platform environment.

## **Store Manager, 03/2017 - 02/2018**

### **VR Lounge – Jeddah, Saudi Arabia**

- Managed daily operations to ensure smooth functioning of the store, maintaining a clean, safe environment for customers and employees.
- Managed inventory control, cash control, and store opening and closing procedures.
- Mentored new hires during their onboarding process, ensuring they were well-equipped to excel in their roles from day one.
- Oversaw 15 Virtual Reality stations

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## EDUCATION

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### **Bachelor of Science: Computer Engineering, 01/2023**

#### **King Abdulaziz University - Jeddah, Saudi Arabia**

### **English Language Courses: 01/2016**

#### **Wayne State University - Detroit, Michigan**

### **Mawhiba Ambassadors: Physics and Engineering Pre-Collage, 01/2013**

#### **Brown University (Online) - Rhode Island, United States**

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## LANGUAGES

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Arabic:

C2

English:

B2



Proficient



Upper intermediate

German:

A1



Beginner

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## SKILLS

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- Digital Design
- AI development
- Software Development
- FPGA Design
- Advanced Cryptography
- Software debugging
- Embedded Systems
- RISC-V ASM