Mohamed Alasmawi

Developer

Contact

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Technical Skills

Programming & Analysis Tools:
Python, PHP Laravel, Java, JavaScript

Data Analysis & Reporting:
MySQL, MS SQL Server, MongoDB,
Oracle Cloud Computing, Power BI

UI/UX Design & Business Analysis:
Figma, JIRA

Cloud & Collaboration Tools:
Microsoft Azure, Microsoft Teams

References

References can be provided upon request and will include individuals who can attest to my qualifications, skills, and professional experience. Please do not hesitate to reach out if additional information or contact details are required.

Education

Bahrain Polytechnic - (Sep. 2019 – Jun. 2023)
Bachelors of ICT Database

- **Best Innovative Project** (The annual graduate exhibition 2023)
- Developed a diverse range of projects across multiple programming languages

Experience

AI & Data Scientist – (Nov. 2024 – Dec. 2024)

Nasser Artificial Intelligence Research and Development Center (NAIRDC) – Manama, Bahrain

System Engineer – (Oct. 2023 – Sep.2024)

E-growth - Kagawa, Japan

- **Project Management and Stakeholder Communication:**

  - Led the development of a large-scale e-commerce platform Proof of Concept (POC), collaborating with backend and frontend teams, managing project roadmaps, and ensuring alignment with business goals using Agile methodologies.
  - Managed stakeholder communications, gathered requirements, and provided regular updates, ensuring business needs were met and objectives were achieved.

- **Development & Documentation:**

  - Specialized in backend development using PHP Laravel for API and database management, optimizing performance and implementing security measures.
  - Authored key project documentation, including PRD, requirements, use-cases, and user manuals.
  - Designed and optimized databases, ensuring scalability and stability.

- **Strategic Contributions and Data Integration:**

  - Proposed optimizations to workflows and system architecture, enhancing overall efficiency.
  - Created data-driven insights and dashboards to assess feature impact, track user behavior, and inform development decisions.

Languages

Arabic: Native

English: Proficient

Japanese: Beginner

Certification and Courses

- **Building Custom Regional Reports with Google Analytics**

  - **Issuer**: Coursera
  - **Issued**: Apr 2023
  - **Overview**: Learned how to create and customize regional reports in Google Analytics to gain insights into user behavior across different geographic locations.

- **Machine Learning Pipelines with Azure ML Studio**

  - **Issuer**: Coursera
  - **Issued**: Jan 2023
  - **Overview**: Gained expertise in building and deploying machine learning pipelines using Azure ML Studio, including data preprocessing, model training, and evaluation.

- **Microsoft Certified: Azure Administrator Associate**

  - **Issuer**: Microsoft
  - **Issued**: Aug 2022
  - **Overview**: Certified in managing and administering Azure cloud services, including compute, storage, and networking resources, as well as monitoring and security.

AI & Data Scientist – (Jun. 2023 – Aug. 2023)

Nasser Artificial Intelligence Research and Development Center (NAIRDC) – Manama, Bahrain

- **AI Model Development & Data Integration:**

  - Developed an OCR model using Tesseract to extract text in Arabic and English, optimizing data extraction processes.

- **AI Chatbot Development:**

  - Contributed to an AI chatbot capable of bilingual processing, enhancing customer interaction and response accuracy.

- **3D Modeling & Analysis:**

  - Created 3D modeling environments with integrated animation, focusing on the strategic application of interactive visualizations to enhance user understanding and product presentation.

Data Analyst – (Feb. 2023 – Jun. 2023)

Ministry of Youth – Manama, Bahrain

- **Data Analysis, Reporting, and Collaboration:**

  - Conducted market research and competitor analysis to identify strategic opportunities for youth programs. Created dynamic dashboards using Power BI and DAX to track KPIs and align with organizational objectives.
  - Worked closely with various departments to gather reporting requirements, presenting findings and insights to senior management in clear, actionable reports.

- **Database Management and System Development:**

  - Managed database backups, restoration, and data cleaning to maintain consistency and accuracy. Designed automated scripts and optimized database structures to improve performance and reliability.
  - Developed a point system to track youth participation and engagement, and streamlined report generation processes to enhance operational efficiency.

- **Process Improvements and Strategic Contributions:**

  - Proposed and implemented new data governance policies to increase data accessibility, and identified opportunities for process improvements that enhanced overall reporting and decision-making efficiency.