OSAMA KHAN

Software Engineer

UAE Residence: Father's Sponsored Visa

About Me

Recent Software Engineering graduate with hands-on experience in data analytics, SQL, Python, and interactive dashboard development. Skilled in data visualization using Power BI and Streamlit, and experienced in building ERP modules and analytical tools. Strong communicator and problem-solver with a track record of collaborating across finance, product, and tech teams. Seeking a data analyst role where I can contribute to data-driven decisions and optimize business performance.

Contact

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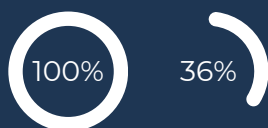- www.osamahussainkhan.com

Skills

- Python, JavaScript, HTML, CSS, jQuery.
- Odoo, Streamlit, React, Angular, Vue.js, jQuery, Pandas, NumPy, XML (QWeb Templates).
- PostgreSQL, MySQL
- Advance Excel, Power BI, Git, WordPress, Unreal Engine 4
- Strong analytical thinking, effective cross-functional collaboration, quick adaptation to new technologies

Language

English 100%

Arabic 36%

Experience

Wolfox Global Technologies, PAK
Data Analyst

Internship: February 2025 - May 2025

- Developed interactive dashboards using Streamlit and Python for clear and engaging data visualizations.
- Designed graphical charts to represent key business metrics and insights for stakeholders.
- Utilized MySQL for efficient data extraction, cleaning, and preparation from large datasets.
- Collaborated with the analytics team to automate reporting processes and improve data-driven decision-making
- Integrated dynamic filtering and user input features into dashboards to enhance usability and flexibility.

Techbot ERP LLC, UAE
Odoo Technical Consultant

Internship: December 2023 - April 2024
Full-time: May 2024 - Nov 2024

- Developed and customized Odoo ERP modules to meet specific business and client requirements.
- Created new modules and enhanced existing ones, improving workflow automation and system efficiency.
- Worked with Python, JavaScript, CSS, HTML5, and PostgreSQL for both backend and frontend development.
- Designed user-friendly interfaces and improved module usability, enhancing client satisfaction.
- Integrated third-party APIs and external services to extend Odoo's functionality for diverse business needs.
- Optimized Odoo performance, reducing system lag by 30%.

Education

- **Bachelor of Software Engineering**
  Iqra University, Karachi, Pakistan
  Graduated: Oct, 2024

  Relevant coursework: Software Development, Data Structures, Database Systems, Web Development

Certifications

- **Erp Odoo Intern Certificate**
  Techbot LLC,UAE - Dec 2023 To April 2024

  Completed hands-on internship in Odoo ERP module development and customization.

- **Data Analytics Intern Certificate**
  Wolfox Global LLC - Feb 2025 to May 2025

  Built interactive dashboards using Streamlit, Python, and MySQL for business insights.

Volunteering Experience

- **Lead Volunteer, KDSP Carnival**
  Moin Khan Academy, Karachi
  2022, 2023, 2024

  Assisted in organizing and managing recreational games and activities for special needs children.

- **Event Organizer, Microsoft Imagine Cup**
  Iqra University, Karachi - 2021
  Led a student team to organize the Microsoft Imagine Cup competition at campus level, overseeing logistics, coordination, and promotions.

- **Event Organizer, Hackathon**
  Iqra University, Karachi - 2023
  Collaborated with peers to plan and execute a successful hackathon event, handling team registrations, venue setup, and event management.

- **Event Organizer, Google Student Club Events**
  Iqra University, Karachi — 2021, 2024
  Co-organized Google Student Club events, managing speaker sessions, participant engagement, and event day activities

References

- **Muhammad Salman Ali Khan**
  CEO - TechBot ERP LLC
  phone: +971 50 179 8063

Projects

Odoo ERP Custom Module Development (UAE Silicon Oasis & AIFD)

- Developed and customized Odoo ERP modules to meet business-specific requirements.
- Utilized PostgreSQL for efficient database management and data handling.

Tactical Synthesis – AI-Driven FPS Game (2024)

- Built an AI-driven FPS game with adaptive enemy behaviors using Unreal Engine 4.
- Integrated multiplayer features and optimized game performance for cross-platform play.

Movie Recommendation System using Machine Learning & AI

- Developed a recommendation system using machine learning algorithms to suggest movies based on user preferences.
- Implemented collaborative filtering and content-based filtering techniques to improve recommendation accuracy.

LinkedIn Job Data Analysis using Power BI & Streamlit

- Collected and cleaned LinkedIn job application data using Python, AI, and machine learning techniques.
- Utilized Pandas and NumPy to preprocess large datasets, removing inconsistencies and missing values.

Learning Management System (LMS) for Course Registration

- Developed a robust LMS for student and faculty portals with secure authentication and role-based access.
- Implemented features for course registration, online sessions, and interactive learning resources.

E-Business Website with Vendor Management

- Designed and developed a fully functional e-business website with integrated vendor management.
- Implemented a multi-vendor system allowing businesses to register and sell products online.
- Utilized Python, JavaScript, and MySQL to create a scalable and secure e-commerce platform.
- Integrated payment gateways and optimized the website for mobile responsiveness.