Contact

Phone/ Email

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Links

LinkedIn:
https://www.linkedin.com/in/ivankhutso

GitHub: https://github.com/IvanKhutso

Portfolio: https://ivankhutso.netlify.app

Certifications: Data Science Certificates

Address

Midrand, Gauteng

Education

BSc Computer Science and Mathematics -

In Progress

Institution	: UNISA
Year	: 2024 – Present

BSc Mathematical Sciences – Incomplete

Institution	: University of Limpopo
Year	: 2016 – 2019

(*Note: Completed all required coursework but did not receive the degree due to financial constraints*)

Certifications

Microsoft Certified: Azure Database Administrator Associate

Institution	: Microsoft
Year	: 2023

SimpliLearn Certified: Master of Science in Data Science and Business Analytics

Institution	: SimpliLearn
Year	: 2022

Data Science Machine Learning and Artificial Intelligence, Computer Science Bootcamp

Institution	: Zero to Mastery Academy
Year	: 2021

Ivan Khutso Setsiba

Professional Summary

Results-driven Developer specializing in PowerApps, JavaScript, and SQL with the ability for creating user-friendly applications and robust database solutions. With over + 2 years of experience in developing custom business applications, I leverage the Microsoft Power Platform to streamline processes and enhance productivity.

I have a strong foundation in JavaScript, enabling me to implement dynamic features and seamless integrations within applications. My expertise in SQL allows me to design efficient database structures, optimize queries, and ensure data integrity.

I thrive on collaborating with stakeholders to understand their needs and deliver tailored solutions that drive business success. Committed to continuous learning, I stay updated with the latest technologies and best practices in app development.

Work Experience

POWERAPPS DEVELOPER

Baagi Technology / Exxaro - Centurion, SA | Sept 2023 – To Date

Responsibilities:

- Collaborate with stakeholders to gather and analyse business requirements.
- Translate business needs into technical specifications for application development.
- Developed PowerApps using Microsoft Power Platform to streamline business processes, showcasing proficiency in app development.
- Troubleshot issues and optimized application performance, demonstrating problem-solving skills crucial for effective development.
- Integrated various data sources (Microsoft SQL Server, Azure, SharePoint) for comprehensive solutions, indicating proficiency in data handling and system integration.
- Utilized Power BI for data visualization, contributing to insightful business reports and decision-making, showcasing analytical capabilities.
- Develop user-friendly interfaces for PowerApps applications.
- Ensure consistency in design and adherence to UI/UX best practices.
- Collaborated with cross-functional teams in Agile project methodologies to deliver high-quality solutions within project timelines, highlighting teamwork and project management skills.
- Implemented Power Automate (formerly Microsoft Flow) for email notifications, showcasing automation proficiency and workflow management.
- Executed SQL queries within Power Automate, indicating proficiency in data manipulation and automation capabilities.
- Designed and maintained SQL databases, ensuring data integrity and performance optimization, demonstrating database management skills essential for PowerApps development.
- Conduct thorough testing of applications to ensure functionality and performance.
- Debug and troubleshoot issues, implementing fixes as necessary.
- Create and maintain comprehensive documentation for applications, including user guides and technical specifications.
- Document workflows, processes, and system configurations.
- Provide training to end-users on how to effectively use PowerApps applications.
- Offer ongoing support and maintenance for deployed applications.
- Monitor application performance and user feedback to identify areas for improvement.
- Implement updates and enhancements based on user feedback and evolving business needs.
- Work closely with cross-functional teams, including business analysts, project managers, and IT support, to ensure project alignment.
- Participate in Agile development processes, contributing to sprint planning and reviews.

Skills

- **PowerApps Development**
  - Custom Application Development
  - Microsoft Powe Platform
  - Common Data Science Services
  - Canvas & Model-Driven Apps
  - Power Automate Integration
- **Programming**
  - JavaScript
  - Power FX
  - SQL
  - Python
  - C++
  - C#
  - Java
- **Database Management**
  - SQL Server
  - MongoDB
  - Database Design & Optimization
  - Data Modelling
- **Cloud & Platforms**
  - Microsoft Azure
  - Office 365 Integration
- **Frameworks**
  - React.js
  - Node.js
  - Express.js
  - ReactiveNative.js
  - .NET
- **Other**
  - PostgreSQL
  - Machine Learning
  - RESTful APIs
- **Soft Skills**
  - Problem Solving
  - Team Collaboration
  - Time Management
  - Adaptability
  - Attention to detail
  - Effective Communication
  - Agile Methodologies

References

Martin Mabe
Power Platform Developer Lead at Exxaro / Baagi Technology
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Projects

DATA SCIENCE AND BUSINESS ANALYST

SimpliLearn   **| Aug 2021 – Aug 2022**

- As an experienced Big Data developer specializing in Hadoop and Spark, I conducted comprehensive stock exchange data analysis. By utilizing Hadoop's scalability and Spark's processing capabilities, I effectively managed large datasets. My work supported informed decision-making in the fast-paced financial sector, helping stakeholders identify market trends, optimize investment strategies, and effectively mitigate risks.

- For my Data Science capstone project in the healthcare sector, I focused on diabetes. Through predictive modelling and data-driven techniques, I analysed complex relationships, risk factors, and treatment options. By uncovering intricate patterns, my research aimed to enhance personalized care, enabling healthcare professionals to make proactive decisions and improve patient outcomes.

- As an experienced user of Keras and TensorFlow, I performed an in-depth analysis of Lending Club loan data. My insights into borrower behaviour, risk assessment, and repayment trends empowered stakeholders to make informed lending choices. My contributions helped establish responsible lending practices, fostering financial growth for both borrowers and investors.

- In the field of machine learning, I was instrumental in advancing Mercedes-Benz's sustainability initiatives in manufacturing. By applying advanced algorithms, I optimized production processes, significantly reducing waste, energy usage, and environmental impact. My efforts contributed to the company's sustainability goals, driving positive change within the automotive industry.

- Leveraging my data science expertise and proficiency in R programming, I conducted an impactful analysis of Comcast complaints. By identifying the main causes of customer dissatisfaction, I delivered actionable insights to enhance service quality, reduce complaints, and improve customer experiences. My work was instrumental in promoting a customer-centric strategy, strengthening Comcast's reputation and boosting user loyalty.

SOFTWARE PROJECTS

Job Search Application with React-Native Expo-CLI

- Built a mobile application using React Native and Expo CLI for job search functionalities, including job listings, saving jobs, and direct application submission.
Implemented technologies such as React Navigation and Axios, with features like user authentication and notifications.
Repository: https://github.com/IvanKhutso/Job-Search-React-Native-Expo-CLI

EMI (Equated Monthly Instalment) Loan Calculator - MERN Stack

- Developed a loan management system using the MERN stack, allowing users to register, login, apply for loans, view payment details, and make payments.
Utilized Express, Node.js, MongoDB, ReactJS, and Tailwind for styling.
Repository: https://github.com/IvanKhutso/MERN-EMI-loanCalculator

TASK MANAGEMENT APP - MERN Stack

- Created a task management app using the MERN stack, enabling users to create, organize, and track tasks efficiently.
Implemented RESTful API endpoints, seamless data flow, and a user-friendly interface for enhanced productivity.
Incorporated modern development practices, security measures, and responsive design principles.
Repository: https://github.com/IvanKhutso/Task-Management-App-MERN-Stack

(All projects are open-source code that can be found on my GitHub)