IVAN KHUTSO SETSIBA

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OBJECTIVE

Bachelor of Science in Computer Science and Applied Mathematics graduate from University of Limpopo with experience in qualitative and quantitative research using data analysis and data science skills. I am a highly motivated Full-Stack developer with experience in HTML, CSS, JavaScript, Git, and MERN (MongoDB, Express.js, React.js and Node.js) stack technologies. Seeking a challenging role where I can utilize my skills, attention to detail, and dedication to delivering flawless results. Committed to providing exceptional customer service and adaptable to fast-paced environments.

EXPERIENCE

South African Agency for Science and Technology Advancement (SAASTA)

Data Capture | 02/2020 – 08/2020

- Performed data capturing and data analysis using Microsoft Excel and Google forms for qualitative data collection.

- Compiled monthly business reports about how often the company's events are mentioned on social media by potential and recurring clients and oversaw full cycle media monitoring.

- Executed general administration duties such as electronic and physical filing, making copies, and taking meeting minutes.

SimpliLearn Data Science and Business Analyst

Projects and Experience | 08/2021 – 08/2022

- As a proficient Big Data Hadoop and Spark developer, I engaged in in-depth stock exchange data analysis. Leveraging the scalability of Hadoop and the processing power of Spark, I efficiently handled massive datasets. My contributions facilitated well-informed decision-making in the dynamic financial landscape, enabling stakeholders to identify market trends, optimize investments, and mitigate risks effectively.

- My Data Science capstone project in the healthcare industry centered around diabetes. Utilizing predictive modeling and data-driven approaches, I explored intricate correlations, risk factors, and potential treatments. By deciphering complex patterns, my research aimed to advance personalized care, empowering healthcare professionals to make proactive interventions and improve patient outcomes.

- As a skilled practitioner of Keras and TensorFlow, I conducted a comprehensive analysis of Lending Club loan data. My insights into borrower behaviors, risk assessment, and repayment patterns enabled stakeholders to make informed lending decisions. My work contributed to the establishment of responsible lending practices, facilitating financial growth for borrowers and investors alike.

- In the realm of machine learning, I played a pivotal role in Mercedes-Benz's greener manufacturing initiatives. Through the application of advanced algorithms, I optimized production processes, reducing waste, energy consumption, and environmental impact. My contributions supported the company's commitment to sustainability, fostering positive changes within the automotive industry.

- My expertise in data science and proficiency in R programming drove meaningful analysis of Comcast complaints. Uncovering key drivers of customer dissatisfaction, I provided actionable insights for improving service quality, reducing complaints, and enhancing customer experiences. My work played a vital role in fostering a customer-centric approach, bolstering Comcast's reputation and loyalty among its user bases.

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 Installment) 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)

TECHNICAL SKILLS

- **Programming Languages:** React, JavaScript, Python, C#

- **Coding Languages:** HTML, CSS & CSS Grid

- **DevOps Technologies:** Git, GitHub, API

- **Other:** MongoDB, Express.js, React Native and Redux, Node.js, Router and Hooks, PostgresSQL
  Machine Learning, Bootstrap, Netlify, Visual Studio, Firebase

LINKS

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

- **GitHub**: https://github.com/IvanKhutso

- **Portfolio**: https://ivankhutso.netlify.app

- **Certifications**: https://drive.google.com/drive/folders/1KujwPWaYNoJ9fSYZ-IjL0dSNP6-PZPG4?usp=drive_link

EDUCATION

Bachelor of Science in Mathematical Science, University of Limpopo, 2019.

Master's Program in Data Science and Business Analytics, SimpliLearn, 2022