Nilesh Borana

Oswalwara,Banswara,Rajasthan ● Nileshborana96@gmail.com ● 9783749891 ● LinkedIn ● https://github.com/j96k

EDUCATION

Global Institute of Technology , Jaipur
Bachelor of Technology (Computer Science)

Apr 2015 - May 2019
GPA: 6.2

New Look Sr. Sec. School (CBSE BOARD) , Lodha,Banswara,Rajasthan,India
Senior Secondary

Mar 2013 - Mar 2014
GPA: 6.2

SKILLS

Functional :   Team management, Teamwork skills, Strong problem-solving, R&D

Technical :   Python, SQL, Machine Learning, Deep Learning, Natural Language Processing (NLP), Microsoft Power BI, Tableau, AWS, Microsoft PowerPoint

PROFESSIONAL EXPERIENCE

Prudent Corporate Advisory Services Ltd. - Ahmedabad,Gujarat,India
Data Scientist

Dec 2023 - Present

- Developed machine learning models tailored to the BFSI sector, focusing on predicting cross-selling and upselling opportunities for clients of Prudent.
- Spearheaded the implementation of advanced analytics techniques to enhance efficiency and accuracy in forecasting client behavior, resulting in significant improvements in cross-selling strategies.
- Engineered bespoke predictive models to identify potential churn instances, enabling Prudent to proactively retain clients and optimize customer retention strategies.
- Implemented Power BI for dynamic data visualization, enabling rapid insights into customer behavior for effective cross-selling and upselling strategies.
- Created and delivered presentations using PowerPoint to showcase predictions and model outcomes, facilitating clear communication of data-driven insights to stakeholders.
- Developed a Prudent chatbot using GPT-2 and LangChain as part of the company's R&D initiatives, providing customers with accurate FAQs via Large Language Models (LLMs), and currently enhancing it with Retrieval-Augmented Generation (RAG) for improved performance

JVS Technologies - Ahmedabad,Gujarat,India
AI ML Developer

May 2023 - Dec 2023

- Worked on the 'Dhaal' computer vision project, conducting in-depth research and analysis in the area of computer vision technologies.
- Designed and developed the 'Dhaal' project tailored for a compact device, effectively handling various tasks and functionalities.
- Conducted extensive research and development (R&D) before the implementation phase to ensure optimal project outcomes.
- Utilized AWS infrastructure for the 'Dhaal' project implementation, ensuring scalability and operational efficiency.
- Provided guidance and mentorship to interns on the 'Dhaal' project, offering training and support to help them excel in their roles.
- Collaborated with the support team to understand client-side requirements, actively contributing to the enhancement and feature additions of the 'https://softclinicgenx.com' product. Implemented AI-driven improvements to make the product more reliable and efficient.

Freelancing - Banswara,Rajasthan,India
Web and ChatBot Developer

Sep 2022 - Apr 2023

- Created customized websites and chatbots tailored to the unique requirements of small to medium-sized businesses.
- Leveraged Django web framework and XAMPP server to build robust and scalable online solutions.
- Conducted in-depth analysis of business requirements, enabling the delivery of personalized solutions that enhanced clients' online presence and met their specific needs.

UST GLOBAL TECHNOLOGY SERVICES - Trivandrum,kerala, India
DATA SCIENCE TRAINEE

Jun 2022 - Sep 2022

- Developed an AI-based object multi-detection model within a three-month timeframe, emphasizing a comprehensive research and development (R&D) phase to ensure innovative and effective solutions.
- Conducted in-depth R&D to understand and incorporate advanced computer vision techniques, laying the groundwork for a robust and cutting-edge detection model.
- Collaborated effectively with team members to seamlessly integrate the AI model into existing systems, resulting in significant improvements in object detection accuracy.
- Demonstrated a profound understanding of computer vision principles throughout the development process, consistently delivering high-quality results and showcasing expertise in the field.

PROJECTS

Analyzing Home Price and GDP Dynamics   Sep 2023 - Sep 2023

- Developed and implemented a Python-based data science model analyzing the relationship between S&P/Case-Shiller U.S. National Home Price Index and GDP.
- Conducted thorough Exploratory Data Analysis (EDA) to extract patterns and trends from datasets.
- Utilized visualization techniques for effective communication of complex data relationships.
- Applied statistical methods, including correlation analysis and linear regression, to quantify dynamics between home prices and GDP.
- Built a forward-looking predictive model for forecasting home prices over the next decade.

Research and Analysis to Determine the Behavior of Global Health   Mar 2023 - Apr 2023

- This project used SQL to analyze Covid-19 data up until 2023, specifically focusing on daily vaccinations and deaths. The data was obtained through a SQL query and visualized using Tableau.
- The project required technical and analytical skills, and provides valuable insights into global public health.
- https://public.tableau.com/app/profile/nilesh.borana/viz/GlobalHealthDashboard/Dashboard1

Real-Time Analysis and Detection of Security Incidents from Firewall Logs Jan 2025 - Jan 2025

- Applied data analysis and ML to examine firewall logs for real-time threat detection.
- Conducted EDA to uncover insights and visualized key findings.
- Developed ML models to detect intrusions, anomalies, and malware with performance metrics.
- Designed a dashboard for incident summaries (hourly, 12-hourly, daily).

ACHIEVEMENTS

- Runner-Up in College [2015] Awarded the title of "Mr. Fresher" as the runner-up in the college competition, showcasing leadership and charisma within the student community.
- Bronze Medal in Kumite Karate [2011] Earned a bronze medal in kumite karate at the school level, demonstrating dedication, discipline, and excellence in martial arts.