Jigar Donga

Work Status: Full-Time

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WORK EXPERIENCE

Software Developer   **Logicspark Technology LLP**   **(Sep 2022 – Aug 2023)**

- Developed and maintained reliable, scalable, and robust backend systems using Express.JS (Node.JS) and Nest.JS.
- Designed and implemented attractive and user-friendly front-end interfaces using frameworks such as Vue.JS, Nuxt.JS, and Angular.JS.
- Managed and optimized databases, including MongoDB and SQL, for seamless integration and performance.
- Worked on cloud infrastructure and deployment processes to ensure smooth delivery and operation of applications.
- Built cross-platform mobile applications using Ionic-Vue, delivering efficient and responsive app solutions.
- Conducted unit testing for diverse web and mobile applications to ensure high-quality deliverables and maintain performance standards.
- This role provided me with extensive experience in full-stack development, database management, and cloud deployment, enhancing my technical expertise and problem-solving capabilities.

TECHNICAL SKILLS:

Programming Languages: Python, SQL, JavaScript, HTML, CSS

Data Science & Machine Learning: Machine Learning, Deep Learning, Pandas, NumPy, AI

Data Visualization & Analytics Tools: Tableau, Power BI, Excel

Web Development: Flask, Node.JS, Vue.JS, Bootstrap, Tailwind CSS

Cloud & Version Control: AWS, Git, GitHub

EDUCATION

Data Analysis for Business - St. Clair College (Windsor, ON)   **(Sep 2023 – April 2025)**

- Studied Data Analytics for Business, focusing on statistics, exploratory data analysis, machine learning, deep learning, and data visualization.
- Gained expertise in Python, AI, database management, and IT service management.
- Applied analytics in business, finance, marketing, supply chain, and healthcare, with hands-on experience through capstone projects and project management.

Bachelor of Engineering (Computer) - A. D. Patel Institute of Technology (Anand, Gujarat, India)   **(Aug 2018 - May 2022)**

- Completed a Bachelor's in Computer Engineering, covering core subjects like data structures, algorithms, database management, object-oriented programming, and operating systems.
- Gained expertise in artificial intelligence, machine learning, natural language processing, and information security.
- Developed practical skills in web programming, mobile application development, and advanced Java.
- Hands-on experience through design engineering projects, and internships.

PROJECTS

Financial Portfolio Optimization   **(Sep 2024 - Present)**

- Developed a Financial Portfolio Optimization model to assist investors in maximizing returns based on their risk preferences.
- The project utilized diverse asset classes, including stocks, mutual funds, gold bond, and fixed deposits, leveraging historical data to predict future prices.
- Conducted comprehensive data analysis, including data cleaning, exploratory data analysis (EDA), and feature engineering, to ensure high-quality inputs for model development.
- Implemented LSTM, ARIMA, and Prophet to build predictive models, enabling data-driven asset allocation recommendations tailored to varying risk levels.
- Provided personalized asset allocation suggestions and visualized investment distribution using pie charts and data tables for clear financial insights.

Dashboard - Financial Portfolio Optimization **(Sep 2024 – Nov 2024)**
- Designed an interactive Tableau dashboard to visualize key insights from the Financial Portfolio Optimization project.
- Developed dynamic dashboards for stocks, mutual funds, and gold bond, incorporating diverse visualizations such as line, bar, area, candlestick, table, and bubble charts.
- Integrated filters to enable real-time data exploration across different time periods and asset categories.
- Implemented KPIs to highlight trends, performance metrics, and critical investment insights, enhancing decision-making for investors.

Bank Customer Churn Prediction **(April 2025 – Currently Working)**
- Developed a machine learning solution to predict customer churn using Logistic Regression, Random Forest, and XGBoost models, achieving high accuracy.
- Conducted comprehensive data preprocessing, feature engineering, and exploratory data analysis (EDA) to uncover key churn drivers.
- Built an interactive dashboard (using Power BI) to visualize churn insights, customer segmentation, and actionable retention strategies.
- Evaluated model performance using precision, recall, F1-score, and ROC-AUC metrics to select the best model for deployment.
- Delivered strategic insights to help banks proactively identify at-risk customers and improve customer retention initiatives.

ShopyCrazer – An E-commerce platform **(June 2021 – Mar 2023)**
- Built a full-stack platform where sellers can register, create a store, and add products.
- Buyers can browse products, sign up to purchase, and choose from multiple payment options (COD, Credit, Debit).
- Enabled real-time order tracking and post-purchase product reviews.

CERTIFICATES

30 Days of Google Clouds **(Dec 2020)**
- Completed "30 Days of Google Cloud" program by Google Cloud & Qwiklabs
- Gained hands-on experience in Cloud Engineering, Data Analytics, and Machine Learning using Google Cloud Platform.
- Earned multiple skill badges by completing real-world labs and projects on GCP.

Querying Microsoft SQL Server 2022 **(April 2024)**
- Completed "Querying Microsoft SQL Server 2022" – LinkedIn Learning Learned to write complex SQL queries, manage data with T-SQL, and perform joins, subqueries, and aggregations.
- Gained practical skills for querying and analyzing data using Microsoft SQL Server 2022.

REFERENCE:

Available on Request