

# Jigar Donga

Work Status: Full-Time

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## WORK EXPERIENCE

Software Developer	Logicspark Technology LLP	(Sep 2022 – Aug 2023)
<ul style="list-style-type: none"><li>Developed and maintained reliable, scalable, and robust backend systems using Express.JS (Node.JS) and Nest.JS.</li><li>Designed and implemented attractive and user-friendly front-end interfaces using frameworks such as Vue.JS, Nuxt.JS, and Angular.JS.</li><li>Managed and optimized databases, including MongoDB and SQL, for seamless integration and performance.</li><li>Worked on cloud infrastructure and deployment processes to ensure smooth delivery and operation of applications.</li><li>Built cross-platform mobile applications using Ionic-Vue, delivering efficient and responsive app solutions.</li><li>Conducted unit testing for diverse web and mobile applications to ensure high-quality deliverables and maintain performance standards.</li><li>This role provided me with extensive experience in full-stack development, database management, and cloud deployment, enhancing my technical expertise and problem-solving capabilities.</li></ul>		

## 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)
<ul style="list-style-type: none"><li>Studied Data Analytics for Business, focusing on statistics, exploratory data analysis, machine learning, deep learning, and data visualization.</li><li>Gained expertise in Python, AI, database management, and IT service management.</li><li>Applied analytics in business, finance, marketing, supply chain, and healthcare, with hands-on experience through capstone projects and project management.</li></ul>	
Bachelor of Engineering (Computer) - A. D. Patel Institute of Technology (Anand, Gujarat, India)	(Aug 2018 - May 2022)
<ul style="list-style-type: none"><li>Completed a Bachelor's in Computer Engineering, covering core subjects like data structures, algorithms, database management, object-oriented programming, and operating systems.</li><li>Gained expertise in artificial intelligence, machine learning, natural language processing, and information security.</li><li>Developed practical skills in web programming, mobile application development, and advanced Java.</li><li>Hands-on experience through design engineering projects, and internships.</li></ul>	

## PROJECTS

Financial Portfolio Optimization	(Sep 2024 - Present)
<ul style="list-style-type: none"><li>Developed a Financial Portfolio Optimization model to assist investors in maximizing returns based on their risk preferences.</li><li>The project utilized diverse asset classes, including stocks, mutual funds, gold bond, and fixed deposits, leveraging historical data to predict future prices.</li><li>Conducted comprehensive data analysis, including data cleaning, exploratory data analysis (EDA), and feature engineering, to ensure high-quality inputs for model development.</li><li>Implemented LSTM, ARIMA, and Prophet to build predictive models, enabling data-driven asset allocation recommendations tailored to varying risk levels.</li><li>Provided personalized asset allocation suggestions and visualized investment distribution using pie charts and data tables for clear financial insights.</li></ul>	

### **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