



Venumadhav Gangur

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Featured



Machine Learning Engineer seeking roles in Business Analysis, Requirement Gathering, Data Visualization, Algorithm Development, Enterprise Architecture, Machine Learning, Stakeholder Management, Python, SQL, PLSQL, Power Bi

Current Designation: Machine Learning Engineer

Total Experience: 13 Year(s) 0 Month(s)

Current Company: Shell Market India Limited

Highest Degree: Ph.D/Doctorate [Operations Research, Supply Chain Management]

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore, Delhi / NCR, Hyderabad

Functional Area: IT Software - Application Programming / Maintenance

Role: Business Analyst

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Machine Learning Engineer, Business Analyst, Business Analysis, Requirement Gathering, Data Visualization, Algorithm Development, Enterprise Architecture, Machine Learning, Stakeholder Management, Python, SQL, PLSQL, Power Bi

Verified : Phone Number | Email - id

Last Active: Jan-Mar 2021

Last Modified: Jan-Mar 2021

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Summary

Result-oriented Professional with over 13 years of experience in Business Analysis, Requirement Gathering, Data Visualization, Algorithm Development, Enterprise Architecture, Machine Learning, Stakeholder Management, Python, SQL, PLSQL, Power Bi

Work Experience

Shell Market India Limited as Machine Learning Engineer Nov 2018 to Till Date

- › Research and Development on Plant Wide Optimization using different Optimization solvers like Ipopt, SQP etc.,
- › Evaluating different algebraic solver such as Baron, Knitro (AMPL) to solve the Mixed Integer Linear Programming problems
- › Predicting anomalies to increase the uptime of the assets
- › Developed visualization tool and new website for user to navigate to the visualization
- › Technical Skillsets:
 - o Python
 - o SQL/PL-SQL
 - o Python Flask Framework
 - o Visualization tools: Power BI, Ggplot, Matplotlib, Plotly, Dash, R-Shiny dashboards
- › Subject Matter Expert in evaluating various Chatbot proof of concepts as part of Data Science Hackathon by providing technical and use case assistance to the participating team
- › Conducted various training sessions on Python

Epicor as Data Scientist (Principal Business Analyst) Jan 2016 to Nov 2018


- › Developing Automatic Forecasting System and determining ROAI using Machine learning techniques
- › Timeseries Forecasting Techniques Used:
 - o Timeseries Forecasting: ARIMA/SARIMA, Holt's Winter, Linear Regression, LSTM
- › Determining the Supplier Visibility using ML Techniques. The ML Techniques used are:
 - o Linear Regression
 - o Decision Tree
 - o Random Forest
 - o Deep Learning (Proof-of-Concept)
- › Model building for determining the stock out at the distribution center using the Machine learning techniques
- › Operation Research: Inventory Control and Optimization
- › Predictive Models: SVM, Elastic Net
- › Determines customers' needs and desires by specifying the research needed to obtain market information
- › Recommends the nature and scope of present and future product lines by reviewing product specifications and requirements; appraising new product ideas
- › Assesses market competition by comparing the company's product to competitors' products, performing GAP analysis for the forecasting and inventory related products



Important

- Using Free CV Search you have access to featured candidate profiles of Naukri. You can browse through the profiles and email the candidates of your choice directly using the email option provided. To prevent misuse of candidate information, contact details and attached resume of the candidates have been withheld.

- analysis for the forecasting and inventory related products.
- › Obtains product market share by working with sales team to develop product sales strategies.
- › Facilitates inventory turnover and product availability by reviewing and adjusting inventory levels and production schedules
- › Completes operational requirements by scheduling and assigning employees; following up on work results
- › Technical Skillsets:
 - o Python
 - o R
 - o SQL/PL-SQL
 - o Python Flask Framework
 - o Visualization tools: Ggplot, Matplotlib, Plotly

 **Amber Road** as Business Analyst (Data Science)
Jun 2014 to Dec 2015

- › Developed new rule-based algorithm to determine the HAZMAT (Hazardous Material) code for Import and Export
- o First order mathematical equation used in building the algorithm
- › Developed new rule-based algorithm to determine the Import and Export License requirement for Global Trade
- › Contributed towards development of new algorithm for Restricted Party Screening to determine legitimate of Global Trade Partners (Proof-of-Concept)
- o Using NLP and Deep Learning
- › Technical Skillsets:
 - o Python
 - o SQL

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Education

UG: **B.Tech/B.E (Mechanical)** from **Visveswaraiah Technological University (VTU)** in **2006**
 PG: **MBA/PGDM (Information Technology)** from **Narsee Monjee Institute Of Management Studies (NMIMS)** in **2013**
 Post PG: **Ph.D/Doctorate (Operations Research, Supply Chain Management)** from **Alliance University** in **2024**

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IT Skills

Skill Name	Version	Last Used	Experience
Python , SQL/PL-SQL			
Python Flask framework			
Power BI, Ggplot, Matplotlib			
Plotly, Dash, R-Shiny dashboards			

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Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert	✓	✓	✓
Hindia	Proficient	✓	✓	✓
Kannada	Expert	✓	✓	✓

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Affirmative Action

Category: General
 Physically Challenged: No

Work Authorization

Job Type: Permanent
 Employment Status: Full time

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