Nisha Mann ⭐ Featured

Programmer Analyst seeking roles in Software Development, Application Programming, Application Maintenance, Project Management, Requirement Analysis, Python, SQL Server, Oracle, Tableau,Vertica

Current Designation: Programmer Analyst II

Current Company: iQor Global Services

Current Location: Noida

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

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Married

Key Skills: Programmer Analyst,Tech Lead,Software Development,Application Programming,Application Maintenance,Project Management,Requirement Analysis,Python,SQL Server

Total Experience: 7 Year(s) 0 Month(s)

Notice Period: 1 Month

Highest Degree: MCA [Computers]

Verified :   Phone Number | Email - id

Last Active: 20-Jan-21   Last Modified: 20-Jan-21

Summary

5+ years total experience. 2+ years experienced & result oriented data analytics professional possessing proven track record of successfully applying econometric modelling, algorithm development & machine learning techniques to solve key business problems. Highly skilled in applying advanced machine learning/statistical algorithms such as Gradient Boosted Trees, Random Forests, Ensemble Models, Clustering etc. to real world problems using Python. Looking forward to applying the acquired gamut of skills to a challenging role in the data analytics space.

Work Experience

iQor Global Services as Programmer Analyst II
Aug 2015 to Till Date

Data Collection & Web Scraping
Conducted extensive research on revenue management and pricing analytics in the hospitality sector
Gathered pricing data from different aggregators by performing web scraping in Python for competitive analysis
Data Wrangling & Visualization
Cleaned, merged and manipulated datasets and conducted feature engineering using Pandas
Created various charts in Jupyter Notebook using Matplotlib to perform a preliminary analysis on the collected data
Python Machine Learning - Clustering & Classification
Applied various machine learning techniques using Python to build dynamic pricing models and maximise profits
Developed segmentation models using K-means Clustering for exploring new user segments
Predicted a customer's likelihood to book hotels at a given point in time based on the booking points
Created a recommendation engine to suggest an ideal cluster price for various identified hotel segments
Conceptualised and implemented a sentiment analysis tool to rate hotels based on subjective customer reviews
Created multivariate regression-based attribution models using ad stock analysis from digital marketing data
Algorithm Development & Optimisation
Developed an algorithm for yield management using the concept of price elasticity of demand
Deployed multiple loss minimisation & optimisation techniques
Led the development of a hotel performance assessment and pricing analysis platform created via k-NN Algorithm
Key Achievements
Achieved a MoM 14% increase in revenue through the application of dynamic pricing
Successful in an overall loss reduction of 10% on monthly revenue by implementing the loss minimisation techniques

Key Deliverables:

Interfacing with users during User Acceptance Testing.
Creating, enhancing and maintaining Framework Manager models to support business requirements.
Working with business users to design and develop Cognos BI 10.1 reports using Report Studio with data drill-down and slice-and-dice options.
Working with business users to design and develop Cognos BI 11.0.12 reports using Cognos Analytics
Unit testing.

Application Design Developer
Key Deliverables:
Data & Quantitative Analysis
Data Science
Predictive/Statistical Modelling
Strategic Planning
Client Relationship Management
Machine Learning Algorithms
Business Intelligence
Data Wrangling
Optimisation Techniques
Project Monitoring & Management
Creating Crystal Reports for various programs.
Analyzing requirements, designing and implementing solutions.
Implementing Android accessible apps.

SQL Developer
Key Deliverables:
Developing optimised SQL queries.
Preparing technical documents.
Involved in requirement gathering and understanding technical feasibility.
Module integration and form designing
Performing unit testing.

Saral Technomart Pvt. Ltd., as Software Engineer
Mar 2014 to Jul 2015

Projects:
myhire361
Web based application for recruitment management
Wellhealth
Web based application for administrative needs of institutions such as schools, hospitals or health related centers.
Key Deliverables:
Involved in requirement gathering and understanding technical feasibility
Designed technical specifications
Designed User Interface
Designed database
Built reports
Coding and performing code reviews.
Performed Unit Testing

NCERT as Junior Project Associate
Oct 2013 to Feb 2014

Project: NROER (http://nroer.gov.in/home/)
Application for National Repository for Open Educational Resources of school subjects and grades in multiple languages.

Key Deliverables:
Involved in requirement gathering and understating technical feasibility
Designing technical specifications
Module integration and form designing
Involved in testing

Education

UG: **BCA (Computers)** from **Banasthali University** in **2010**

PG: **MCA (Computers)** from **Banasthali University** in **2013**

IT Skills

Skill Name	Version	Last Used	Experience
Python, Toad, IBM Cognos 10			
Visual Studio, SQL Server Management Too			
dreamweaver, eclipse			
scikit-learn, numpy, scipy			
Pandas, Matplotlib, Statsmodels			
ASP. Net, ADO. Net			
C#. Net, CSS			
JavaScript, Python			
SQL Server, Oracle 12c			

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time