NAMRATHA JAGADEESH

8125 48th Ave, College Park, MD
namratha@terpmail.umd.edu
240-467-4174

ANALYST | DEVELOPER | VISUALIZATION DESIGNER

EDUCATION

UNIVERSITY OF MARYLAND, COLLEGE PARK   May '18
Master of Science- Information Management | *Specialization - Data Analytics*

UNIVERSITY OF PUNE, INDIA   May '14
Bachelor of Engineering - Information Technology

PROFESSIONAL EXPERIENCE

DIGITAL CURATION FELLOWSHIP | USDA   Feb '17-Now
• Identifying and analyzing proper metadata standards to apply to a wide range of data formats and then applying the standards.
• Work with UI engineers to better optimize search and discovery using metadata for the National Agricultural Library and FDA.

SOFTWARE ANALYST|DASSAULT SYSTEMES   Mar '15-Jun '16
• Developed and Optimized functionalities for a Product Lifecycle Management software to enhance productivity.
• Analyzed client data and requirements to recommend better solutions to decrease their time taken to release products into the market.
• Remodeled SQL scripts to customize the existing database schema that led to performance tuning and increased efficiency by 20%.
• Designed Graphical User Interface (GUI) for multi-CAD Integration and MS Office documents.

ASSISTANT SYSTEM ENGINEER | TCS   Sep '14-Feb '15
• Pioneered project implementation and management skills using SDLC , coding, UNIX scripting, databases and formulating reports for different phases of the project.

ANALYSIS INTERN | Persistent Systems Ltd.   May '13-Jun '14
• Configured and Implemented Apache Hadoop HDFS and Map Reducing techniques in a multi node network to establish a social network graph between individuals based on open source data.
• Built a text analysis software which crawling of data, parsing it to extract names of individuals and predicting their acquaintances with each other based on context analysis.
Key Skills: Hadoop Framework: HDFS, MapReduce

PROJECT WORK

NEWS POPULARITY ANALYSIS | UMD   Sep '16-Dec '16
• Developed R script to predict the effect of various factors on the popularity of the news articles using exploratory data analysis (ANOVA, Multiple Regression).
• Consolidated a detailed report of the conceptualization, analysis process and visualization of the findings.

AIRCRASH DATA ANALYSIS | UMD   Sep '16-Dec '16
• Performed data cleaning and normalization using R to structure data in an efficient way.
• Applied descriptive and inferential statistics to discover and illustrate patterns and performance of different carriers worldwide.

TECHNICAL SKILLS

ANALYTICS, BI & DEV
R, Tableau, Jigsaw, Datawatch

PROGRAMMING LANGUAGES
C++, JAVA, C#, SQL, VB, HTML, JavaScript, Python

DATABASES
MySQL, Oracle, IBM DB2

DATA MANAGEMENT
Hadoop Framework, Microsoft Azure Cloud, Advanced Excel

OPERATING SYSTEMS
Linux, Windows and Mac

SEMINAR
Hadoop framework, HBase and HDFS.

RELEVANT COURSES

Data Analytics
Visual Analytics
Introduction to Data Science
Strategic Information Management
Database Design
Information Retrieval
Cloud Computing

CERTIFICATIONS

IBM DB2 Certified Academic Associate
CORE JAVA from NIIT

AWARDS

SCHOLARSHIP - Academic Excellence from Pune Corporation

BEST NEW COMER - 3DPLM Software Solutions Pvt. Ltd.

LEADERSHIP + ACTIVITIES

PARTICIPANT - Industrial workshop on '*Hadoop and Distributed Systems with Big Data, Map Reduce and Hive*'

TRAINER & EVENT ORGANIZER - 3DPLM Software Solutions Pvt. Ltd.

LINKEDIN PROFILE

www.linkedin.com/in/namratha-jagadeesh