

Career Objective:

Aspiring to work in a technology driven work environment, where I can utilize my skills and abilities that offers professional and organizational growth while being innovative and flexible.

Professional Summary:

- Having **4+ Years** of experience in IT industry as a **Data Scientist** and MS SQL database administrator.
- Good at communicating the analysis in compelling manner through innovate visualization platforms and tools like **Tableau**.
- Strong using skills of applying data techniques in Python libraries like **NumPy, Pandas, Matplotlib, SciPy, Scikit Learn**.
- Well versed with applying Statistics and Probability models on Data sets to acquire accurate results in Data Science.
- Well experience of **Machine learning algorithms/ Statistical modelling** techniques like **Regression** and **Classification** and also in **Deep Learning algorithms** like **CNN, RNN**.
- Participated in all concepts of Data Mining, Data Pre-processing, and Data Analytics, Data Visualization, Machine Learning/ Statistical modelling, and Natural Language Processing concepts.
- Visualization and EDA implemented using SQL tools.
- Well experience in Continuous integration and Continuous Deployment.
- Expert Level skills in providing DBA Level 2 and Level1 supports in Production as DBA.
- Day-to-day monitoring and maintenance, problem investigation and resolution, and Expert in implementing High Availability options Failover Clustering, Log shipping, Mirroring and Replication (Transactional).
- Experience in working with huge databases, troubleshooting issues, and documenting the causes.
- Ability to learn and adapt to new technologies.

Experience Details:

- Working as Associate Data Consultant in TCS, Bangalore (2years)
- Worked as Database Administrator in L&T InfoTech, Bangalore. (2years)

Education Details:

- B.Tech (Mechanical) from JNT University in the year 2015.
- M.Tech (CAD/CAM) from JNTU in the year 2017

Technical Details:

- **Languages:** Python
- **Technologies:** Machine Learning, NLP, MS-SQL, S3, API, Docker

Project Details

Project: Identification of Check boxes in PDF's

Description: Check box (**OpenCV**) detection and retrieve the values for that check box is major task where Check box location is not fixed and identical in all pdfs. This Check box detection is not applicable to universal documents. It is constrained to COIMS, MedWatch, SAE forms which can be in any language.

Project: Article Identification

Description: Client Database has tons of pdf documents. These documents contain Literature articles which are related to Medical domain. Manually identifying those Literature articles and analyzing them is very difficult because of Literature documents contain 10:1 ratio. So, we have developed a Machine Learning model (Random Forest Algorithm) to identify either the document is Literature or not. ML model works based on the keyword's availability in the document.

Project: Detection of Table in PDF's

Description: Detecting Table (**CNN**) in the pdf which also helps in data extraction while do reading literature articles these table creates lot of noise in plain. So, identifying and removing that text in pdf reduces the noise in NLP on pdf text.

Project: Identifying the Lines in Images in PDF's

Description: Lines detection (**OpenCV**) is not a simple task in Scanned Image PDFs. These Lines detection is necessary in Data extraction of those Images PDF's. With the help OpenCV and post-processing, lines in CIOMS & MedWatch can be detected. After detecting those line data extraction from the Images pdf can be easy not

Project: Database Administrator

Role: SQL Server DBA

Environment: SQL Server 2008/2008R2/2012, Windows 2008, Windows 2008 R2, VMware, Clustered, Profiler, Tuning Adviser.

Description: The Vanguard Group is an American investment management company that manages approximately trillions in assets. It is the largest provider of mutual funds and now the second-largest provider of exchange traded funds.

Declaration:

I hereby declare that the particulars mentioned in the resume are best of my knowledge and belief.

Date:

Place: Bangalore

Vikram