Career Objective:

To be engaged in an organization which provides ample opportunity to learn, contribute, grow and where I can use my skills for the attainment of the company objective as well as personal goals.

Summary:

- ➢ 4 years of Data Science, Big data and software development experience.
- ➢ A passionate and experienced big data engineer who wants to improve a company's data reliability and architecture with today's top programs and frameworks.
- ➢ Experienced in BIG DATA technologies like Hadoop, Spark, Scala, Hive, SparkSQL, Sqoop, Kafka,Solr.
- ➢ Good knowledge on Apache Kafka, HBase.
- ➢ Experience working in agile methodology.

PROFESSIONAL EXPERIENCE:

Junior Data Scientist, Innominds India Pvt Limited

Responsibilities:

- ● Gathering requirements and translating the Business details into Technical design.
- ● Participated in all the stages of the software development life cycle (SDLC) like design, testing development and implementation.
- ● Extensively worked with spark Data frames for ingesting data from flat files into RDD's to transform unstructured data and structured data.
- ● Involved in creating hive tables and loading the data.
- ● Implemented monitoring and established best practices around using Elasticsearch and used AWS Lambda to run code without managing servers.
- ● Generated graphical reports using python package NumPy and Matplotlib.

Daimler Fuso IPS:

- ● Worked on setting up the cluster.
- ● Developed ETL pipeline to ingest data.
- ● Transformed business logic into application logic.

Lenexa Med:

- ● A monitoring system for hospitals to monitor the patients with the help of AI/ML for any possibility of risk/injury based on the patient position and load on body parts.
- ● Built Posture classification Model using CNN.

Analytics workbench:

- ● Built an end to end AutoML framework for the preprocessing of the data.
- ● Applied regression and classification models for Customer Lifetime Prediction and Propensity to Buy.
- ● Created interactive charts for visualising the results using D3.js.

Product Deduplication:

- ● Web Scraping (Data Engineering) of data from ECommerce websites like Flipkart, Amazon, GSMarena using BeautifulSoup.
- ● Detecting duplicate products by applying Word2Vec on title and description.
- ● For further improvement, I applied CNN on product images.

Meeting Analysis:

- ● Speaker identification from the audio using a Gaussian Mixture Model.
- ● Conversion of speech to text using IBM Watson, and Google's Speech to text.
- ● Extracting action items using NLP from the Transcript generated by the above models
- ● Summarizing the meeting transcript using the TextRank algorithm.

Software Developer, MyAlly

Responsibilities:
- Developed entire frontend and backend modules using Python on Django Web Framework by implementing MVC architecture.
- Implemented responsive user interface and standards throughout the development and maintenance of the website using the HTML, CSS, React.JS, JavaScript, Bootstrap, jQuery.
- Deployed and monitored scalable infrastructure on Amazon web services (AWS).

Recruiting Calendar:
- Interface for scheduling interviews which involve displaying clients, recruiting calendar and conference room events in a distinguishable way for different time zones.
- Auto filling recruiting-related information in the templates.

Email Client:
- Successfully resolved the issue of clubbed threads from different email services.
- Developed a platform for integrating email and calendar functionalities of Gmail, Office365, Exchange.

ATS Integrations:
- Developed a platform for integrating Applicant Tracking System (ATS) which is designed for recruitment tracking purposes which decreased the average application review span from **7** days to **1** day.
- Improved the efficiency of recruiters per week by **200%** and reduced interview pipeline time by **300%.**

Dashboard:
- Interface for recruiter level preferences like weekly interviews quota, interviews time, buffer time, etc.,
- Admins can manage team level preferences like adding conference rooms and grouping them.

Software Developer, Kitchen Villa (June 2016 - September 2016)
- Developed a chat-bot named **Prodx** which can take online shopping to the next level.
- It uses Natural Language Processing techniques to get the intent of the user. Then, by using Machine learning techniques personalized replies will be given to the user automatically.
- Worked on Aspect based Sentiment Analysis for mobile reviews.
- Worked on classification tasks to generate personalized information about each product.

Skills:
Frameworks & Tools: Scikit-learn, pandas, Django, Git,Sqoop, MATLAB, PyTorch, Seaborn,Hadoop,Spark,Hive
AWS: EC2, S3, Glue, Athena, EMR, SQS, SNS, CloudWatch
Languages: Python, Java, and C
Web Designing: ReactJS, HTML, CSS, JavaScript, PHP, D3.js
Database: MongoDB, MySQL, Hive, ElasticSearch

Education:
Bachelor of Technology in Computer Science & Engineering, **IIIT Nuzvid,** CGPA-8.37   2012-2016
Pre University Course in **MBiPC, IIIT Nuzvid,** CGPA-8.36   2010-2012
SSC ZP High School, Mulakalapalli, Percentage-93.1   2009-2010

Achievements:
- Placed among the top **19%** of the Sberbank Housing Loan competition on Kaggle.
- Secured **19th position** in the code-war National level online coding challenge organized by JNTU Kakinada.
- Secured region **1st rank in SSC** examination.
- Offered a merit scholarship by **Tirumala Tirupati Devasthanam(TTD).**
- Selected for **National Means Cum Merit Scholarship** conducted by Central Government.

Links:
Linkedin: https://www.linkedin.com/in/tarun-kumar/
GitHub: https://github.com/csetarun

Gachibowli, Hyderabad, Telangana 500032
: (+91) 966 606 3423, : cse.tarunkumar@gmail.com