SHAIK SHABBER ALI

Data Science | ML | DL | Web Development

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CAREER OBJECTIVE

B.Tech graduate (Class of 2025) with a strong interest in **Data Science**, **Machine Learning (ML)**, **Deep Learning (DL)**, and **Web Development**. Proficient in a diverse set of technical skills and eager to apply academic knowledge in real-world projects. A proactive learner with a growth mindset, committed to contributing effectively and adding value to a prestigious organization.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering
Rajiv Gandhi University of Knowledge Technologies, Ongole
2021 – 2025 | CGPA: 9.1

Pre-University Course (PUC)
Rajiv Gandhi University of Knowledge Technologies, Ongole
2019 – 2021 | **CGPA:** 9.7

Secondary School Certificate (SSC)
Z.P.H.S (Boys), Bestawaripeta
2018 – 2019 | **CGPA:** 10.0

WORK EXPERIENCE

AI/ML Intern — INNOVATE INTERN

May 2024 – July 2024* | *Chennai, Tamil Nadu, India (Remote/On-site)
Approved by AICTE

- Assisted in developing and deploying AI and Machine Learning models for real-world applications.
- Worked on Natural Language Processing (NLP) tasks such as text classification and data preprocessing.
- Collaborated with the team to optimize model performance and research emerging AI/ML trends.

SKILLS

Programming Languages: Python, Java, C, JavaScript

Libraries & Frameworks: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, PyTorch, TensorFlow, Django

AI & ML Technologies: Machine Learning, Deep Learning (ANN, CNN, RNN), Natural Language Processing (NLP), Data Preprocessing, Model Evaluation

Databases: MySQL, SQL Server, DBMS

Tools & Platforms: Git/GitHub, Excel, MS Office, Linux Commands

Core Concepts: Data Structures & Algorithms, Problem-Solving, Software Development

PROJECTS

Crop Care Tech – Web-Based Application

Technologies: Python, Django, HTML, CSS, JavaScript, Machine Learning

- Developed a web-based system for **crop and fertilizer recommendation** and **disease detection** using ML algorithms.
- Imported and utilized **real-world agricultural datasets from Kaggle** for model training and testing.
- Applied algorithms such as **Random Forest**, **Decision Tree**, and **CNN** for disease detection and prediction tasks.
- Published in *IRJAEH (Vol. 02, Issue 09, Sept 2024)* and presented at *ICRACST 2024 Conference (Karnataka)*.

YouTube Transcript Summarizer

Technologies: Python, NLP, Transformers, Streamlit

- Built a **text summarization tool** that extracts and condenses YouTube video transcripts.
- Implemented **Natural Language Processing (NLP)** techniques using transformer-based models for concise summaries.
- Designed a **Streamlit web interface** for users to easily input video links and view summarized results.

Online Examination System

Technologies: HTML, CSS, JavaScript, PHP, MySQL

- Designed and developed a **secure web application** for conducting online examinations.
- Implemented modules for **user authentication**, **question management**, and **automatic result evaluation**.
- Ensured a **responsive interface** and reliable database connectivity for efficient academic assessments.

CERTIFICATIONS

- **Python for Data Science** – *NPTEL (IIT Madras) | Elite Topper (78%) | Jul–Aug 2023*
  Learned Python for data analysis, visualization, and machine learning applications using Pandas, NumPy, and Matplotlib.
- **Data Analytics with Python** – *NPTEL (IIT Roorkee) | Elite Topper (86%) | Jan–Apr 2024*
  Gained practical knowledge in Python-based data analysis, statistical modeling, and visualization techniques.
- **Introduction to Data Science** – *IBM (edX) | 2024*
  Covered data science concepts, lifecycle, data cleaning, visualization, and basic machine learning workflows.
- **AI/ML for Geo-Data Analysis** – *ISRO (IIRS, Dehradun) | Aug 2024*
  Focused on applying AI and ML techniques for geospatial and remote sensing data analysis.
- **Crop Care Tech: A Web-Based Application for Crop & Fertilizer Recommendation & Disease Prediction** – *Published in IRJAEH (Vol. 02, Issue 09, Sept 2024)*
  Research publication on machine learning and web-based crop management solutions using AI technologies.
- **Paper Presentation: Crop Care Tech** – *ICRACST 2024, Karnataka (RSP Conference Hub) | Aug 2024*
  Presented research on ML-based crop, fertilizer, and disease detection system.