RAGENDHU P

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Objective: Aspiring Data Scientist with a strong foundation in Machine Learning, NLP, and Deep Learning. Skilled in Python, SQL, TensorFlow, and PyTorch, with hands-on experience through academic and internship projects. Enthusiastic about leveraging data-driven approaches to solve real-world problems and deliver actionable insights.

INTERNSHIPS AND PROFESSIONAL TRAININGS

AI Variant - Data Scientist Intern — **Bengaluru**

- Developed a **resume classification system** to categorize resumes by job role relevance. — **Jun 2025 – Sep 2025**
- Applied **data preprocessing, feature extraction, model training, and evaluation techniques**.
- Gained practical exposure to end-to-end **machine learning pipeline development and deployment**.

Samsung Innovation Campus – Artificial Intelligence Trainee — **Bengaluru**

- Acquired in-depth knowledge of **AIML, and Deep Learning concepts** through hands-on project. — **Oct 2024 – May 2025**
  Worked on implementing **model training, evaluation, and deployment practices** in real-world case studies.

VTU Final Year Project – AI/ML Engineer — **Bengaluru**

- Designed a transformer-based NLP system for contextual language understanding. — **Sept 2024 - March 2025**
- Fine-tuned pre-trained models (BERT/GPT) using TensorFlow/PyTorch for improved semantic accuracy.

EDUCATION

Don Bosco Institute of Technology — **Bengaluru**
Bachelors of Engineering in Computer Science — **Dec 2021 – Jun 2025**
Major subjects credited — **CGPA-8.9**1

- Python, DBMS, MySQL, Artificial Intelligence and Machine Learning , Data Science

Projects

- **Autonomous Drone Navigation**
  Designed and implemented an **autonomous drone navigation system** using **sensor fusion (LiDAR, GPS)**, enabling **real-time obstacle detection and efficient path planning** for improved flight safety.
- **Unified AI Summarizer**
  Developed a **web-based AI summarization tool** integrating multiple NLP models to generate **coherent, context-aware summaries** from lengthy documents, enhancing **information retrieval and readability**.

Amrita Vidyalayam — **Bengaluru**
PCMB Stream (CBSE 11th ,12th) — **Jun 2019 – Jun 2021**
Physics, Chemistry, Mathematics, Biology — **Percentage- 94.6%**

Amrita Vidyalayam — **Bengaluru**
Secondary Education (10th Standard) — **Jun 2019**
English, Kannada, Science, Mathematics, Social Science — **Percentage- 90.2%**

TECHNICAL SKILLS

- Programming Languages: Python, SQL, R, Java, HTML.
- Machine Learning & AI: TensorFlow, PyTorch, Scikit-learn, NLP, Deep Learning, Data Preprocessing.
- Data Visualization: Tableau, Matplotlib, Seaborn.
- Frameworks: Jupyter Notebook, Pandas, NumPy, React.js, Spring Boot.

ADDITIONAL INFORMATION

- Certifications: Fundamental AI Concepts issued by Microsoft, Microsoft Azure AI Fundamentals: AI Overview issued by Microsoft, Prompt Engineering Certificate, Artificial Intelligence foundation Certificate.
- Languages: English, Hindi, Kannada, Malayalam, Tamil, Spanish(A1)