Shreesha R Bhat

AI/ML Undergraduate — Machine Learning Enthusiast — Open-Source Contributor

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Summary

AI/ML undergraduate at UVCE with experience in LLM fine-tuning, data pipelines, and open-source projects. Skilled in designing machine learning workflows, bias mitigation, and NLP applications. Recognized on Kaggle and GitHub for impactful contributions, with a strong interest in building inclusive, production-ready AI systems.

Skills

- **Programming Languages:** Python, C, C++
- **Libraries/Frameworks:** NumPy, Pandas, Scikit-learn, PyTorch, TensorFlow
- **Machine Learning:** Transformers, Regression, Classification, LoRA fine-tuning
- **Tools:** Tableau, Git, GitHub, Matplotlib, Seaborn

Projects

- **Non-Binary Inclusive GEMMA Fine-Tuning** (Kaggle)
  Fine-tuned Google's GEMMA LLM for gender-inclusive NLP applications using LoRA techniques. Built custom data pipelines for preprocessing and large-scale dataset management. Improved bias mitigation and accuracy through iterative evaluation.
  Recognition: 9+ upvotes on Kaggle, including 2 from Kaggle Grandmasters.
  Tech Stack: Python, PyTorch, Transformers, LoRA
- **Job-Scout CLI Tool** (GitHub)
  Developed an open-source command-line tool to fetch relevant jobs from Twitter and Hacker News using APIs. Enables filtering by keywords and location, displaying top 10 relevant jobs.
  Recognition: 30+ GitHub stars.
  Tech Stack: Python, REST APIs, CLI Development

Experience

- **JatakaGPT.com (Astrology AI)** (jatakagpt.com
  Contributed to building an astrology-focused AI platform powered by GPT-4 mini. Assisted in developing conversational flows and fine-tuning prompt structures for accurate astrological responses.

Education

- **University Visvesvaraya College of Engineering (UVCE), Bengaluru**   2022–2026
  B.Tech in Artificial Intelligence and Machine Learning, CGPA: 7.5
- **KSSS Science and Commerce College, Hubli**   2020–2022
  2nd PUC, 89.1%
- **JMJ School Shiggaon, Karnataka**   2010–2020
  SSLC, 94.56%

Achievements

- 30+ GitHub stars for open-source contributions.
- Kaggle project recognition from Grandmasters.
- Hugging Face dataset (Brain-rot) downloaded over 350 times.
- Selected coursework: Deep Learning, Natural Language Processing, Data Structures.