

Nekender Shekhawat

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SKILLS

Languages: Python, HTML/CSS

Tools: Git/GitHub, Unix Shell, Jenkins, Tableau, VS Code

Frameworks: FastAPI, Flask, Scrapy, Selenium, BeautifulSoup, LLM, Scikit-learn, Pandas, TensorFlow, Transformers, Spacy, Matplotlib, Postgres, MongoDB, AWS Cloud

Experience

Software Engineer Intern | Giboo – New York/Remote April 2024 – Aug 2024

- Engineered an advanced user filter API, significantly enhancing filtering capabilities.
- Deployed crawlers, parser and python scripts on Jenkins to **reduce the manual labour for them by 100%**.
- Integrated Scrapy-Playwright to dynamically scrape funder contact information, **boosting available contact data by approximately 70%**. Subsequent optimization **reduced processing time from $\mathcal{O}(n^2)$ to $\mathcal{O}(n \log n)$** .
- Embedded large language models into the product tool, elevating user experience to new heights.
- Conducted data analysis to pinpoint top funders, refining grant addition strategies and **achieving a 5% increase in grants on the platform**.
- Replaced Faiss with pgvector for storing and querying vector embeddings, resulting in a lighter server and more efficient embedding updates and maintenance.
- Migrated language models from AWS to Runpod and shifted long-running jobs from Sagemaker to EC2, **cutting costs by 25%**.
- Significantly enhanced search quality by extracting key parameters such as location, timeline, and primary query focus from user queries.
- Resolved numerous bugs across the product, leading to improved user experience and reliability.

Associate software developer | Appbay – Jaipur, Rajasthan Nov 2023 – Apr 2024

- Developed a comprehensive employee management system in Appian, featuring functionalities such as leave management and reimbursement management, **reducing manual labor by approximately 80%**.
- Actively participated in agile project management, delivering client-focused documentation that ensured seamless project execution.
- Enhanced database management for large-scale applications, resulting in improved efficiency and performance.

Data science Intern, Partnr | Bengaluru/Remote May 2023– Nov 2023

- Led weekly data-driven meetings to monitor user activity on our website, identifying and implementing key areas for improvement.
- Automated the crucial process of adding users to our community, **driving an impressive 86% growth in community growth**.
- Designed and launched an employee recommendation system from scratch, enabling companies to efficiently hire talent from our extensive repository.
- Established a robust process for crawling job listings, **expanding our job pool by approximately 60%**.

Education

Poornima University April 2020- May 2024

Btech, Computer Science with specialization in Data Science

Additional Experience And Awards

Data Science Specialization Course Internshala

Was among the top scorers by securing 91%