

# Nekender Shekhawat

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## SKILLS

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**Languages:** Python, HTML/CSS

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

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

## Experience

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

- Integrated CI/CD pipelines for automated deployment of data engineering solutions, **reducing deployment times by 20%** and improving system reliability.
- Optimized data pipelines using Spark and PySpark on Azure, resulting in a significant reduction in processing time for large-scale datasets.
- 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**.
- Migrated LLM's from AWS to Runpod, shifted long-running jobs from Sagemaker to EC2, **cutting costs by 25%**.
- Worked on RAG, Prompt engineering and Langchain
- 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 in SAIL language, 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

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**Poornima University** April 2020- May 2024

Btech, Computer Science with specialization in Data Science

## Additional Experience And Awards

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**Data Science Specialization Course** Internshala

Was among the top scorers by securing 91%