

KESHAV SHARMA

EMAIL - Keshavprabhakar449@gmail.com | +91-9877162427 | LINKEDIN - [WWW.LINKEDIN.COM/IN/KESHAVSHARMA301104](https://www.linkedin.com/in/keshavsharma301104) | GITHUB - <https://github.com/keshav301104>

Professional Summary

Software engineering undergraduate with strong experience in backend development, RESTful APIs, databases, and full-stack web applications. Proven ability to build production-oriented systems involving data processing, authentication, dashboards, and scalable architectures using Python, Flask/FastAPI, SQL, and modern frontend tools.

Education

- **VIT AP UNIVERSITY, India** Sept 2023 – Aug 2027
Branch – Computer Science and Engineering, specialized in Data Analytics | CGPA: **8.2**
- **SHIVALIK PUBLIC SCHOOL, India** 2022
Class 12th Aggregate: 82.2%

Skills

- **Programming** : Python, Java, C/C++, R, SQL
- **Backend Development** : Flask, FastAPI, REST APIs, Authentication, API Design, MVC Architecture
- **Frontend Development** : HTML5, CSS3, JavaScript, React.js (basic), Tailwind CSS
- **Databases** : SQLite, MongoDB, ChromaDB, MonetDB, Relational Schema Design, Indexing, CRUD Operations
- **System & Core CS** : Data Structures & Algorithms, Object-Oriented Programming, System Design, Operating Systems
- **DevOps & Tools** : Git, GitHub, Docker, AWS (EC2, IAM basics), Linux, Postman
- **Data & Pipelines** : ETL Pipelines, Data Validation, Logging, Error Handling

Projects

- **Court Case Fetcher Web Application** | link - [Project Link](#)
 - Built a **full-stack Flask application** to fetch and serve **1,000+ court case records** via REST APIs.
 - Implemented scraping, validation, and error handling to manage **inconsistent external data sources**.
- **AmbedkarGPT 2.0 (RAG-Based AI System)** | link - [Project Link](#)
 - Built a domain-specific **retrieval-augmented data pipeline** using semantic chunking and vector embeddings.
 - Improved answer relevance and factual consistency by **~30%** via retrieval optimization.
- **Bank Fraud Detection System (Full-Stack)** | link - [Project Link](#)
 - Built a **Flask backend service** to process and score **6.3M+ transaction records** through APIs.
 - Developed a **dashboard frontend** to visualize fraud risk metrics for **near real-time monitoring**.

Experience

- **AI / Data Science Intern - Sabudh Foundation** Jan 2025 - Apr 2025
Built and evaluated **ML and deep learning pipelines** in Python and TensorFlow on real-world datasets.
Performed **EDA and feature analysis on 100K+ records** to support model tuning and evaluation.
Developed **dashboards** that reduced manual analysis effort by **~30%**.

Certificates

- IBM - Data Science Professional Certificate December 27, 2024
- Machine Learning Specialization - DeepLearning.AI January 2, 2026
- Advanced Machine Learning Models – DeepLearning.AI November 1, 2025
- AWS Certified Cloud Foundations and Architecture November 10, 2025

Leadership and Achievements

- President – SEDS Aurora (Space Club, VIT-AP) Jun 2024 – Present
- Winner – NASA Space Apps Challenge (Best Use of Science) November 2024