

RESUME

A. ABHISHEK KUMAR

Aspiring AI/ML Engineer

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PROFESSIONAL SUMMARY

Second-year B.Tech student specializing in Artificial Intelligence and Machine Learning at SRM Institute of Science and Technology. Passionate about building data-driven solutions and exploring machine learning and NLP techniques. Skilled in Python, data structures, and problem-solving, with hands-on experience in developing real-world projects. Seeking opportunities to apply AI/ML skills in practical environments.

EDUCATION

- **B.Tech in Computer Science (AI & ML)**
SRM Institute of Science and Technology, KTR ; CGPA: 8.12 | 2024 – Present
- **Class 12 (Tamil Nadu State Board)** – 82.7%
- **Class 10 (Tamil Nadu State Board)** – 88%

PROJECTS

Reddit Topic Modeling using NLP

- Developed a topic modeling system using Latent Dirichlet Allocation (LDA) to analyze Reddit comments
- Performed preprocessing including tokenization, stopword removal, and feature extraction
- Identified key discussion themes and extracted topic keywords
- **Tech Stack:** Python, Gensim, Scikit-learn, Pandas

Hospital Management System

- Built a database-driven system to manage patient records, doctor details, and appointments
- Implemented CRUD operations and designed relational database schema
- Improved efficiency in data handling and retrieval
- **Tech Stack:** SQL, DBMS

Government Scheme Discovery Portal

- Designed a platform to help users find eligible government schemes based on personal criteria
- Implemented filtering logic and database integration
- Enhanced accessibility to welfare programs
- **Tech Stack:** HTML, CSS, SQL

TECHNICAL SKILLS

- **Languages:** C, C++, Python, Java ; **Core Concepts:** Data Structures & Algorithms
- **AI/ML:** Machine Learning Basics, NLP ; **Databases:** SQL
- **Web Development:** HTML, CSS ; **Tools:** Git, GitHub, Jupyter Notebook

ACHIEVEMENTS & CERTIFICATIONS

- HackerRank Certification in Java ; Finalist – AI Code Quest (Technical Event)
- NPTEL Course: Programming in Java ; Workshop: Generative AI for Everyday Life

SOFT SKILLS

- Problem Solving • Analytical Thinking • Logical Reasoning • Team Collaboration • Time Management