

SANJAY KRISHNA K

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EDUCATION

Bachelor of Technology in Computer Science and Engineering

Sri Krishna College of Engineering and Technology, Coimbatore

Academic Year: 2024 – 2028

Expected Graduation: 2028

CGPA: 7.83 / 10

TECHNICAL SKILLS

- **Languages:** C++ (C++17), Java (Java 11), Python (3.11)
- **Frameworks:** FastAPI (0.125), Django (6.0)
- **Databases:** MySQL (8.0), PostgreSQL (17)
- **Version Control:** Git (2.41), GitHub
- **IDE/Tools:** VS Code
- **Core Concepts:** Data Structures & Algorithms, OOP, REST APIs

PROJECTS

Upskilling Platform

- Developed a platform to help users learn and upgrade technical skills through structured courses.
- Implemented user authentication, course management, and progress tracking.
- Focused on scalable backend design and database integration.
Technologies: Python, Django, PostgreSQL

AI Header Mapper (Utility Tool)

- Built an AI-based utility that automatically maps and standardizes headers from different data sources.

- Reduced manual effort in data preprocessing and cleaning.
- Designed for easy integration into existing systems.
Technologies: Python, FastAPI, PostgreSQL, SQLAlchemy, Alembic, pgAdmin, Docker, AI/ML concepts

AI & Credit-Based Learning System (College-Based)

- Designed an AI-driven learning management system for a college environment.
- Implemented a credit-based evaluation system to track student learning outcomes.
- Enabled performance analysis and personalized learning recommendations using AI.
Technologies: Python, FastAPI, MySQL, scikit-learn, Pandas