P. Sai Srinand Nihal

Roll No.: 1RF23CS106
B.E in CSE
5th Semester
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EDUCATION

•**R V Institute Of Technology And Management, Bengaluru**   *2023-2027*
  B.E in CSE, 5th Semester   CGPA: 8.44

•**Narayana PU College Hulimavu, Bengaluru**   *2023*
  Board of Intermediate Education, Karnataka   Percentage: 89

•**Narayana E Techno School Hulimavu, Bengaluru**   *2021*
  CBSE, Karnataka   Percentage: 91

EXPERIENCE

•**Ultimez Technologies**   *March 2025*
  Backend Developer   Bengaluru
  – Contributed to backend development by creating secure, scalable APIs for client projects.
  – Collaborated with cross-functional teams to design and implement secure, scalable backend APIs.

•**Capabl**   *October 2025*
  Project Intern   Bengaluru
  – Collaborating directly with industry experts to design and develop AI-driven solutions.
  – Contributing to the development of intelligent AI Agents leveraging RAG architectures, Large Language Models (LLMs), LangChain, and various Machine Learning techniques. Focused on optimizing context retrieval, model performance, and system scalability for practical deployment

PERSONAL PROJECTS

•**Tibl -AI**   *Sept 2025*
  AI-Powered Timetable Management System that dynamically generates schedules using Genetic(ML) algorithms.

  – Tools & technologies used: JS, ReactJs, NodeJs, ExpressJs, MongoDB, Tensorflow, FastAPI, Python
  – Developed an AI-powered Timetable Management System using the MERN stack, capable of intelligently generating and adapting timetables to dynamic schedules and large datasets, with seamless database integration, using Genetic(ML) algorithms and a modern, responsive UI for efficient academic scheduling.)

•**AI-Based Music recomendation System**   *Mar 2025*
  AI system that recommends personalized music using machine learning

  – Tools & technologies used: ML, FASTAPI, Reactjs, Tailwind CSS
  – An AI-powered music recommendation system that suggests songs tailored to user preferences. It uses ML algorithms trained on user listening data and song features. The system generates personalized playlists and refines recommendations with continued learning.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C, C++, Java, JS, CSS, HTML, JQuery
Developer Tools: VS Code, Git, GitHub, Jupyter Notebook, Postman, IDLE
Frameworks: React, Node.js, Express, Flask
Cloud/Databases: MySQL, MongoDB, Supabase
Soft Skills: Problem-solving, Team collaboration, Adaptability, Communication
Coursework: Data Structures Algorithms, DBMS, Operating Systems, Computer Networks, Machine Learning
Areas of Interest: Web Development, Artificial Intelligence, Cloud Computing, Software Engineering

POSITIONS OF RESPONSIBILITY

•**Club Member,** The Starfleet Club RVITM   *1yr 2mos*