

T RUPASREE

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SKILLS

Programming Languages: Java, Python, C

Web Development: HTML, CSS, JavaScript, Bootstrap

Backend: Spring Boot, REST APIs

Databases: SQL, SQLite

Core Subjects: Data Structures, Operating Systems, DBMS, SDLC, AI Tools

PROJECTS

CRUD Student Management System

Java, Spring Boot, SQL

- Developed a complete backend system using **RESTful APIs** to manage student records efficiently.
- Optimized SQL queries, improving data retrieval performance by **30%**.

AI Chat Application

React, Node.js, SQLite, GROQ

- Built a full-stack real-time **AI-powered chat application** with persistent conversation history.
- Ensured stable public deployment with **100% uptime** and responsive UI.

Skill Development & Employment Portal

Salesforce

- Automated job application and training workflows using **Salesforce**.
- Reduced manual processing time by **40%**, improving efficiency for rural youth programs.

INTERNSHIP

Machine Learning Intern – EI Systems Technologies (AICTE)

2 Months

- Performed **EDA** on large datasets, cleaned and structured data for model readiness.
- Identified **5 actionable insights**, reducing data noise by **18%** and improving preprocessing efficiency.

ACHIEVEMENTS

- **1st Prize – Paper Presentation (CSTA 2024)** for research on **Sixth Sense Technology**.
- Finalist at **State-Level BUILDATHON** for innovation in **TURNEXT AI**.

EDUCATION

Sri Venkatesa Perumal College of Engineering & Technology

B.Tech in Computer Science and Engineering, CGPA: 9.48/10

Nov 2022 – Present

Andhra Pradesh, India

Intermediate (MPC)

Score: 73%

Dec 2020 – May 2022

India

SSC

Score: 100%

Apr 2020

India