Charan Vadla

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A Computer Science and Engineering student at SR University, I bring a solid foundation in programming, problem-solving, web development, and introductory machine learning skills. Seeking opportunities to apply my technical acumen and drive for continuous learning in a growth-oriented environment.

EDUCATION

SR University   **Warangal, India**
- Bachelor of Technology in Computer Science and Engineering   Nov 2021- Jan 2025
  - CGPA: 8.0

Siddartha Junior College   **Vikarabad, India**
- Intermediate Studies in Maths, Physics and Chemistry   2019-2021
  - Score : 86%

Siddartha School of Excellence   **Vikarabad, India**
- High School   -March, 2019
  - GPA: 9.3

SKILLS

- **Programming Languages :** Proficiency in C, C++, Python, Java.
- **Java:** Object Oriented Programming, Database connectivity, GUI development with SWING Framework.
- **Web Development:** Strong foundation in HTML, CSS, Javascript, Svelte framework, Svelte-kit, PRISMA ORM.
- **Databases:** MySQL, Google Firestore
- **Machine Learning:** Good in Supervised Machine Learning, Proficiency in Python Libraries- Numpy, Pandas, Matplotlib, Sci-kit Learn.
- **Data Structures and Algorithms**

PROJECTS

- **Bank Loan Approval System :** Developed a loan approval prediction model using Logistic Regression(Supervised Machine Learning) and Gradient Descent from Scratch, optimising decision-making for a financial institution.
- **Bank Management System in Java:** Designed and implemented a Java-based Bank Management System leveraging JDBC for database connectivity. Integrated GUI using Swing alongside robust Object-Oriented Programming principles for better functionality.
- **Personalized Todo Manager with User Authentication:** Designed a User-Authenticated Todo Application utilising Svelte and SvelteKit frameworks with Prisma ORM for MySQL database integration. Empowered users to manage personalised task lists securely and efficiently.
- **E-Commerce application in C:** Designed a E-commerce application in C Language using Data Structures and Algorithms.

CERTIFICATIONS

- **Supervised Machine Learning** - Coursera x Stanford Online
- **Database Management System** - NPTEL
- **Data Structures and Algorithms** - Edx
- **Introduction to Java Programming** - Edx