Karajanagi Shankar Piragonda

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Objective

To leverage a solid foundation in computer science and software engineering principles to contribute meaningfully to challenging projects. Seeking opportunities that foster innovation, problem-solving, and continuous learning in full-stack development, systems design, or emerging technologies.

Education

CMR University   **2022 − 2026**
B.Tech in Computer Science Engineering   *Bangalore, India*
− CGPA of 8.9+

BRPU College   **2020 − 2022**
Pre-University Course (PCMB)   *Athani, India*
− 86.66%

Projects

ATM Banking System   **Aug 2024**
Java, MySQL, OOP, Multithreading
− Designed a CLI-based ATM simulation supporting deposit, withdrawal, and balance checks.
− Applied object-oriented programming principles for secure transactions and user authentication.
− Implemented file-based data storage and MySQL integration for account management.

Online Shopping System   **May 2024**
HTML, CSS, JavaScript, MySQL
− Built a full-stack web application for product listings, user registration, and order tracking.
− Implemented secure authentication for user login and registration.
− Optimized MySQL queries for fast product retrieval and smooth transaction processing.

Bitcoin Price Prediction   **May 2024**
Python, Machine Learning, Pandas, NumPy, Scikit-learn
− Developed machine learning models to predict Bitcoin prices using regression techniques.
− Performed data preprocessing, feature engineering, and exploratory data analysis on historical datasets.
− Implemented and compared **Linear Regression**, **Random Forest**, and **LSTM** models for accuracy.

Technical Skills

Languages: Java, C++, C, SQL

Web Development: HTML, CSS, JavaScript

Database: MySQL

Tools: Git, GitHub, VS Code, IntelliJ, Eclipse

Relevant Coursework: DSA, DBMS, OOP, OS

Achievements & Certifications

NPTEL – Database Management Systems	Sept 2022
LeetCode – Top 450k Rank - username: ShankarKarajanagi	Current
AINCAT 2025 – India's Biggest Career Aptitude Test by Naukri Campus	2025
Infosys Springboard – Software Engineering, E-R Modeling	Apr 2025

Extracurricular Activities

Volunteered at CMR University Tech Fest – Supported coordination of workshops and hackathons

Member, Coding Club – Actively participated in weekly problem-solving challenges and peer mentoring

Participated in AI Robotics seminar series hosted by IEEE Student Chapter