

CHETAN RATHOD

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Professional Summary

Computer Science Engineering graduate with strong fundamentals in Python, SQL, and Object-Oriented Programming. Hands-on experience in building data-driven and full-stack applications. Seeking an Associate Software Engineer role to contribute to scalable software solutions while continuously learning modern technologies.

Education

Bachelor of Technology – Computer Science and Engineering

Sagar Institute of Science and Technology, Bhopal

2021 – 2025

CGPA: 6.20

Projects

Stock Price Prediction System

- Developed a machine learning model to predict stock prices using historical data.
- Implemented Linear Regression and Random Forest algorithms with performance evaluation using RMSE.
- Performed data preprocessing, feature engineering, and visualization to improve prediction accuracy.
- *Technologies: Python, Pandas, NumPy, Scikit-learn, Matplotlib*

E-Voting System using Blockchain

- Designed a decentralized voting application ensuring transparency and security.
- Integrated React frontend with blockchain smart contracts using Infura.
- Improved trust and data integrity by leveraging blockchain-based verification.
- *Technologies: React, Blockchain, Infura*

Technical Skills

Programming Languages: Python, JavaScript, SQL

Web Technologies: HTML, CSS

Databases: Oracle

Tools & IDEs: VS Code, IntelliJ IDEA, Google Colab

Core Concepts: Object-Oriented Programming, Data Structures, DBMS

Certifications

- GitHub Foundations – GitHub
- Introduction to Python – Infosys Springboard
- Introduction to DBMS – NPTEL
- Internet of Things – Coding Ninjas

Achievements

- Solved multiple SQL problems on HackerRank, strengthening query optimization skills.
- Coordinator, College Fest *Sagar Fiesta 2k23*, demonstrating teamwork and leadership.