

Noopur Singh

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EDUCATION

VIT Bhopal University

B.Tech in Computer Science and Engineering (CGPA: 8.89/10)

Delhi Public School

Class XII (95%)

DAV Public School

Class X (96.2%)

Bhopal, Madhya Pradesh

Oct 2022 – May 2026

Ranchi, Jharkhand

July 2021

Khalari, Jharkhand

May 2019

EXPERIENCE

Frontend Developer

Dec 2024 – Mar 2025

Samanyastra (Ed-Tech Startup)

Remote / India

- Developed and maintained the Samanyastra web platform, improving performance and load time by **30%** to ensure a seamless user experience.
- Collaborated with **4 cross-functional teams** to design and deploy scalable features across the platform.
- Enhanced learner engagement by creating **10 structured learning modules** as a Subject Matter Expert (SME).

PROJECTS

AI Career Coach | React.js, Shadcn UI, OpenAI API, Supabase, Clerk, Neon

[Link](#)

- Built an AI-powered career guidance platform delivering personalized resume feedback, skill roadmaps, and job preparation tips.
- Integrated **OpenAI API** for intelligent recommendations and **Supabase** for secure user data storage and progress tracking.
- Designed a fully responsive interface using **Shadcn UI**, increasing user engagement by **35%**.

Diabetes Prediction System | Python, Scikit-learn, Pandas, NumPy, Matplotlib

[Link](#)

- Developed a machine learning model to predict diabetes risk using patient health metrics such as glucose level, BMI, age, and insulin.
- Performed data preprocessing including handling missing values, feature scaling, and exploratory data analysis (EDA).
- Trained and evaluated multiple models including **Logistic Regression** and **Random Forest**, achieving high prediction accuracy.
- Visualized feature importance and model performance using **Matplotlib** and **Seaborn**.

Crypto Tracker | HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, CoinGecko API

[Link](#)

- Built a real-time cryptocurrency tracking platform supporting data for **100+ cryptocurrencies**.
- Achieved **100% real-time price updates** and **99.9% API uptime** through CoinGecko API integration.
- Implemented **5+ core features** including live price tracking, currency conversion, market trend analysis, and predictive forecasting.
- Optimized frontend performance, reducing load time by **30%** using efficient API handling and lazy loading.

TECHNICAL SKILLS

Languages: C++(Advanced) , C , Python , HTML/CSS , JavaScript, MySQL

Libraries/Frameworks/Databases: React, Node.js, Shadcn-UI, Next.js, Tailwind, MongoDB

Developer Tools: Git, Visual Studio, Figma)

Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks (CN)

ACHIEVEMENTS

- Contributor, GirlScript Summer of Code (GSSoC) 2025** – Contributed to open-source projects in a collaborative, mentor-driven environment.
- Solved **700+ Data Structures and Algorithms** problems across multiple competitive coding platforms.
- 2× Hackathon Winner** in college-level coding competitions for innovative problem-solving and team collaboration.