

Noopur Singh

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EDUCATION

Vellore Institute of Technology

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

Oct 2022 – May 2026

Delhi Public School

Class XII (95%)

July 2021

DAV Public School

Class X (96.2%)

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%**.
- Collaborated with cross-functional teams to identify user pain points, define feature requirements, and support product decisions aligned with learner needs.
- Analyzed learner feedback and engagement data to refine content structure and create 10 structured learning modules, improving overall user experience and retention.

PROJECTS

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

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

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 model, achieving high prediction accuracy (**78.6%**).

Crypto Tracker | HTML, CSS, JavaScript, React.js, Node.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++ , Java , Python , JavaScript , SQL

Data Analytics: SQL , Excel/Google Sheets , Data Interpretation

Databases: MySQL , MongoDB

Frameworks Tools : Spring Boot , React.js, Node.js, Tailwind, Figma

Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOPS), 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 **600+ 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.