

Neha Chaudhari

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[Portfolio](#) — [LinkedIn](#) — [GitHub](#)

Education

B.Tech in Computer Science and Engineering

Feb 2021 – May 2024

Shri Guru Gobind Singhji Institute of Engineering & Technology

- CGPA: 8.46/10

Technical Skills

- **Languages:** C, C++, C#, JavaScript
- **Frontend:** HTML, CSS, Tailwind CSS, Bootstrap, React.js, Redux
- **Backend:** Node.js, Express.js
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, Postman

Experience

Software Engineer Trainee

Jan 2024 – Oct 2024

Persistent Systems

- Completed training in .NET technologies (C#, MVC, ADO.NET).
- Earned certification for training completion.

Job Simulation Participant

Remote

Tata Data Visualization: Empowering Business with Effective Insights (Forage)

- Created data visualizations for Tata Consultancy Services.
- Led meetings with senior leadership to align on data insights.

Projects

Smart Traffic System Using Machine Learning

Feb 2024 – August 2024

- Designed an intelligent traffic management system using Python, Machine Learning, YOLO, and AlexNet CNN, enabling real-time vehicle detection and dynamic signal control. Prioritized ambulance passage and optimized traffic flow with a custom dataset and data augmentation.
- **Technologies:** Python, Machine Learning, YOLO, AlexNet CNN, Data Augmentation.

Notes Making Website (MERN Stack)

Aug 2023 – Nov 2023

- Developed a secure, user-friendly note-taking web application featuring JWT authentication and robust CRUD operations. Streamlined data storage and retrieval with MongoDB and React.
- **Technologies:** MongoDB, Express.js, React.js, Node.js (MERN Stack), JWT Authentication.

Recipe Reserve (Full Stack Project)

Apr 2023 – Jun 2023

- Built a recipe management platform enabling users to search, save, and organize recipes, enhancing the culinary experience with a modern UI and database integration.
- **Technologies:** React.js, Node.js, MySQL, Express.js.

Personal Portfolio Website (Next.js)

Mar 2023 – May 2023

- Created a visually appealing and responsive portfolio website showcasing projects and skills, built with Next.js and styled using Tailwind CSS.
- **Technologies:** Next.js, Tailwind CSS.

Extracurricular Activities

- Participated in Persistent Systems' Semicolons Hackathon.
- Participated in the Google Design Thinking workshop at Techfest IIT-B.
- Completed MATLAB course arranged by Voice Club.