

Himanshu Singh

A focused individual who is trying to solve today's problems using engineering skills with passion for learning, leadership and collaboration. Interested in software development.

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Education

B.Tech. in Computer Science Engineering(8.0 sgpa)

Noida Institute of Engineering and Technology (NIET)

2021 – 2025

Class XII (76%) {2020}

St. Xavier's Gonda

Class X (89%) {2018}

St. Xavier's Gonda

Semester Projects

Developers Portfolio Webpage

MAY 2023

- A simple, easy to configure, lightweight, and responsive static portfolio website template for developers and freelancers. Over 60+ people are using it.
- Taking from design to deployment, I firstly designed it on Figma and then took it to development using Next.js and Bootstrap5 and then automate the deployment using Github Actions. Project is open source under MIT license and has 100+ forks on Github

College Library Website

OCT 2023

- Built an Open-Source Library Website in which you get Resources to learn different topics, Donate book section to donate your old books, and a Book issue section to keep a record.
- Open- Source Repository open for contribution to everyone.

Blood Bank And Donation Management System

DEC 2023

- Currently Developing an App which includes a Database of Blood Groups of Several peoples in every city Which can be used in emergency purpose.

BlockChainVoting

JAN 2024

- Leveraged Ethereum to build a tamper-proof digital voting mechanism, addressing challenges of vote integrity and security.
- Integrated Chart.js for data visualization within a user-friendly dashboard, enabling real-time monitoring of election outcomes simultaneously with voter privacy. Garnered 200+ stars on GitHub for the repository.

Flipkart clone

MAR 2023

- Superheaded the development of a feature-rich Flipkart clone web app, boasting an intuitive admin dashboard and seamless Paytm integration for secure transactions.
- E-commerce functionalities akin to Flipkart, including product browsing, cart management, and secure checkout.
- Engineered admin dashboard for efficient inventory management, order processing, and sales tracking.

E-Mail Classification ML Model

APR 2024

- Classify e-mails as spam or not on the basis of the message
- MODELS USED : Naive Bayes, Random Forest Classifier, XG Boost Classifier
- LIBRARIES USED : Numpy, Pandas and Sklearn

Internships

Prodigy Infotech

- Developed a mentor-student connection platform for graduate students, featuring robust payments and flexible scheduling. Utilized React.js and MySQL, enhancing engagement with a 50% increase in successful mentor-student pairings.
- Empowered admins to seamlessly manage mentors and sessions by building an admin portal using React.js and MySQL, enabling functionalities such as overseeing session schedules and processing reimbursements, increasing efficiency by 30%.

Earth5R

- Write posts about environmental issues.
- Shared simple tips for making life more environmentally friendly as posts

Co-ordinator Student Body

2022 - 2024

- Organised informative sessions and training workshops from IBM, Microsoft and Telenor for engineering students.
- Collaborated with Google developers club and Microsoft learn student ambassador to double the growth of community.

Skills

Programming Languages: Java, Python, Javascript, Typescript .

Web Development: Html, CSS, Bootstrap, ReactJS, NodeJS. Database

Management System: SQL, MySQL, MongoDB.

Tools: Git, GitHub.

General: OOP, Data Structure, Computer Network, Machine Learning, Digital Image Processing, Digital Signal Processing