

Amrish Yadav

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GitHub

Education

NIT Jamshedpur, B.Tech in Computer Science

2022 – Present

Government Inter College, Class XII

2020 – 2021

SEMFORD, Prayagraj, Class X

2018 – 2019

Technical Skills

- **Core:** Problem Solving, Data Structures & Algorithms, Operating Systems, OOP
- **Programming Languages:** C, C++, JavaScript, TypeScript, Python
- **Web Development:** HTML, CSS, Bootstrap, Tailwind, React.js, Next.js, Node.js, Express.js, EJS
- **Realtime & Authentication:** Socket.io, Google OAuth 2.0, JWT, Session Management
- **Databases:** MySQL, MongoDB
- **Machine Learning / Data:** Pandas, NumPy, scikit-learn, Pickle, Jupyter Notebook
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, npm, Vercel, Render

Achievements

- **Uber She++ 2024 Runner-up** in Ideathon (National-level). Presented innovative solutions, collaborated with a team, and competed among top participants across India.
- **React.js Front-End Certification** — Publicis Sapient. [View Certificate](#)
- Runner up in Hack de Science, organized by Ojass, NIT Jamshedpur.
- **HackerRank:** 5 Star (Problem Solving).
- **Codeforces:** Maximum Rating 1268.
- **Coding Ninjas:** AIR 35 in Code Arena.

Projects

- **Chatify – Full-Stack Social Media Web App**

Repo: [Project Repo](#) **Demo:** [Live Demo](#)

Node.js, Express.js, MongoDB, EJS, Bootstrap, Socket.io, Google OAuth 2.0

- Developed a social platform with posts, likes, comments, and nested replies. Integrated real-time 1-to-1 chat using Socket.io.
- Implemented Google OAuth 2.0 authentication. Designed responsive UI with Bootstrap and EJS.
- Built profile management, search, and follow/unfollow features.

- **Cricket Score Prediction using ML**

Repo: [Project Repo](#) **Demo:** [Live Demo](#)

Python, Pandas, NumPy, scikit-learn, Pickle, Jupyter Notebook

- Predicted cricket match outcomes using ball-by-ball data analysis. Performed data preprocessing and feature engineering to extract key features.
- Built optimized datasets for efficient model training and evaluation.
- Engineered advanced metrics (cumulative runs, score progression, player dismissals) to improve prediction accuracy.

- **Global Logistics Performance Dashboard**

Repo: [Project Repo](#) **Demo:** [Live Demo](#)

Python, Streamlit, Pandas, Plotly, PyDeck, NumPy

- Developed a multi-tab Streamlit dashboard for real-time logistics analysis and executive-level KPI monitoring.
- Implemented advanced 3D geospatial visualizations using PyDeck and Plotly to track assets and analyze regional performance.
- Integrated data loading for CSV/Excel, validation, persistent dataset management, and dynamic filtering controls.
- Engineered features for risk classification, performance trend analysis, and identifying critical high-risk shipments.

Positions of Responsibility

- **Member, Web Team, NIT Jamshedpur**

Worked on migrating the official institute website from React.js to Next.js.

- **Member, Web Development Wing, PCON (Programming Club), NIT Jamshedpur**

Conducted workshops on the basics of web development for junior students.

- **Technical Team Lead, Society of CSE, NIT Jamshedpur**

Conducted workshops and organised events related to DSA and web development.