

# Amrish Yadav

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in [LinkedIn](#)

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## Education

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**NIT Jamshedpur**, B.Tech in Computer Science

2022 – Present

**Government Inter College**, Class XII

2020 – 2021

**SEMFORD, Prayagraj**, Class X

2018 – 2019

## Technical Skills

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- **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, Vercel, Render

## Achievements

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- **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

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### • 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

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### • 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.