

# AMRESH YADAV

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## Education

Indian Institute of Information Technology, Ranchi  
Bachelor of Technology in Electronics and Communication Engineering

2022-2026  
9.63/10

## Experience

Saarthee | Summer Intern – Full Stack Developer (Onsite [Gurugram](#))

June 2025 - July 2025

- **Technologies used:** React.js, Tailwind CSS, Redux Toolkit, Node.js, AWS Amplify, EC2, S3.
- Spearheaded the development of **10+ reusable frontend components** for an **algorithmic trading and wealth management** platform using **React.js and Tailwind CSS**, improving load **speed by 30%**.
- Collaborated with **AI engineers** and contributed to **backend development to integrate 15+ RESTful APIs** and trading logic, leveraging **Redux Toolkit** to streamline **state management** and reduce bug reports by 25%.
- Engineered a **dynamic column-based data matching tool** that aligned over **500** uploaded financial files with **95%** accuracy.
- Designed and enhanced a modular **wealth management dashboard** that supported custom strategy and **reduced analysis time by 40%**.
- Deployed the frontend using **AWS Amplify**, configured backend services via **Amazon EC2**, and enabled secure **file handling** through **Amazon S3**, supporting **1,000+ daily file operations**.

DraconX | Summer Intern - Full Stack Developer

March 2025 - May 2025

- **Technologies used:** UML, JavaScript, Node.js, Express.js, PostgreSQL, React.js, Amazon S3.
- Worked as a **Software Development Intern at DraconX**, contributing to an **AI-driven RFP** automation platform.
- Built and optimized modules like **Proposal Tracking**, **Compliance Checks**, **RFP Discovery**, and **Collaboration Features**.
- Integrated **AI APIs in the backend** to enable smart drafting, compliance suggestions, and dynamic content generation.
- Enhanced dashboard performance by **35%**, supporting seamless collaboration for **100+ active users**.

FandomX | Winter Intern - Full Stack Developer

Oct 2024 - Jan 2025

- Spearheaded the development of FandomX inaugural web platform, establishing its online presence and engineered a **responsive** frontend using **ReactJs and Tailwind CSS**, achieving **80% cross-device compatibility** and a **30% increase in Customer involvement**.
- Implemented secure authentication mechanisms using **JWT, bcrypt.js, Zod(for validation), MongoDB, Node.js, and Express.js**, along with **EmailJS** integration for automated email communication, enhancing platform security, **efficiency by 35%**, and user engagement capabilities.
- Enhanced the functionality and design of FandomX, a sports-centric platform for ticket booking, venue reservations, sponsorships, and e-commerce, improving operational **efficiency by 40%** and **user engagement**.

## Projects

[CodeCollab](#) | [Live](#) | NextJs , TypeScript , MongoDB, Tailwind

March 2025 - April 2025

- Engineered a platform where **100%** of users can share posts like **blogs in public/private modes**, with likes and comments for engagement.
- Installed secure **authentication** using **NextAuth and JWT**, reducing unauthorized access by **95%** and made it **responsive** as well..
- Performed **CRUD** operations with **middleware**, optimizing data handling and **improving response time by 40%**, with **light/dark mode** for better UX and used **Shadcn** for better UI experience.

[AmiChat- Realtime Chat App](#) | [Live](#) | ReactJs, Tailwind CSS, NodeJs, MongoDB ,REST API's

Oct 2024 - Dec 2024

- Designed and **developed a real-time chat** application using **React.js, Axios, React Router DOM, and Socket.io**, ensuring **100% Multi-device functionality** and seamless user interactions across different devices.
- Introduced **user authentication** with **json web token and bcryptJs**, enhancing platform security **by 40%**.
- Integrated **Cloudinary** for image uploads and **optimized backend** with MongoDB, ExpressJs, and **Socket.io**.

[QuickPick- E-Commerce](#) | [Live](#) | ReactJs, Tailwind CSS, NodeJs, MongoDB

Jan 2024- Apr 2024

- Generated a Adaptive and **responsive UI with ReactJS**, ensuring **100% cross-device** compatibility.
- Built a **robust backend with NodeJs and ExpressJs**, enabling efficient **CRUD** operations and Refined data management using **MongoDB**, improving data retrieval speed by 25%.
- Constructed secure **JWT authentication** and tested backend endpoints with **Postman**, ensuring **99% reliability**.

## Skills and Interests

**Languages/Configuration:** C/CPP, Python, SQL , NoSQL , Java , Golang , JavaScript, Typescript , HTML/CSS , SCSS

**Technologies/Frameworks:** NodeJS, ExpressJS, Next.Js , Tailwind CSS , FastApi , Django

**Developer Tools:** Jupyter, AWS Amplify/EC2/S3 , Visual Studio, PyCharm, Postman (Testing) , Docker , MySQL, MongoDB , PostgreSQL

**Libraries:** ReactJS, React Native , C++ STL, EJS (Embedded JavaScript templates), jQuery, Bootstrap

**Others:**Supabase, Relational Database , Data Structures and Algorithms (DSA), Object-Oriented Programming, OOJS, Operating System , Computer Network , DBMS, Shadcn-ui , Git , Github , RESTful-APIs ,UML

## Positions of Responsibility & Achievements

- [CodeChef](#) : Secured Global **Rank 343** in Starters 166, **Max Rating 1625 (3\*)**.
- [Leetcode](#) : Max Contest Rating **1872 (Knight)**, Solved **750+** problems. [Codeforces](#) : Max Contest Rating **1227 (Pupil)**.
- [GFG](#) : Contest Rating **1686**, Solved **350+** problems on [GeeksforGeeks](#).
- Secured **AIR 7** in **EROH** organized by [Naukri.com](#), among **20,000+ participants** from **IITs, NITs, IIITs, BITS**, and other top institutes.
- Member of the technical society of **IIIT RANCHI** under **software and competitive programming** wing.