

Vipin Kumar Yadav

B.Tech. | NIT Rourkela

Final year, Metallurgical and Materials Engg.
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Education

2021-PRESENT
B.TECH., MME
NIT ROURKELA
CGPA : 7.25/10

2017-2019
INTERMEDIATE
R.J.R.S.D.COLLEGE, BASOPATTI
Percentage: 76.8%

2016-2017
HIGH SCHOOL
DIN DAYAL HIGH SCHOOL UMGGAON
Percentage: 72.8%

Links

LinkedIn:// vipin kumar
CodeForces:// viper_ky
LeetCode:// viper_ky
Github:// vipinhack
Codechef:// vipin7260

Skills

GENERAL PROGRAMMING
C/C++, HTML, CSS,
Javascript, SQL

WEB TECHNOLOGIES
React.js, Node.js, Express.js

DATABASES
MySQL, MongoDB

LANGUAGES
English, Hindi

Relevant Courses

Data Structures and Algorithms
Database Management Systems
Object-Oriented Programming
Operating System
Computer Networks

Work Experience/Projects

- MAY 2024 **Mylamp.Ai** Summer Intern
- Developed a cutting-edge learning page using Node.js, TypeScript, and Tailwind CSS. Enhanced user experience, ensured responsive design, and contributed to code quality improvement.
 - Demonstrated proficiency in database management with Prisma.
- 2023-2024 **Online Food Delivery System** Github Link
- Tech stack: Node.js, Express.js, MongoDB
 - Developed a full-stack food ordering app using Node.js with real-time updates via socket programming, authentication using Passport, and cart management with cookies, deployed on AWS EC2 with Nginx for scalability.
 - Enabled user functionalities for registration, login, and order placement, while allowing vendors to view and update order statuses in real-time.
- 2023-2024 **EmployeeMS** Github Link
- Tech stack: React.js, Express.js, Node.js, MySQL
 - Developed a full-stack Employee Management System using React.js, Node.js, with automated reporting that boosted HR efficiency by 30% and reduced administrative workload.
 - Deployed the application using Docker for scalability, integrating JWT-based authentication for secure session management

Achievements/Awards

- DEC 2022 **CodeRush Challenge NIT ROURKELA** Participant
- Ranked 14th in CodeRush Challenge at NIT Rourkela.
- MAY 2024 **AlgoUniversity Graph Camp Contest** Participant
- Solved 3 problems and got featured in the Hall of Fame
- 2023-NOW **Codeforces** Max. rating 1385
- Currently Pupil on codeforces.
- 2023-NOW **Google Kick Start 2023** Participant
- Participated in farewell round and secured rank of 1.5k.

Extra-Curricular Activities

- NOV 2023 **Event Management Team** Cosmopolitan
- Led organization of 3+ events in annual multi-ethnic fest, managing a team of 20 volunteers.
- 2022-NOW **Technical Member** Spawn Coding Club
- I was a technical member at Spwan for 1 year and had a great journey and it helped to upgrade my coding skills.