Neeraj Kumar

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PROFILE

Final-year Computer Engineering student at NIAMT, Ranchi, passionate about Data Structures & Algorithms, and Web Development, with hands-on experience from hackathons and technical events. Seeking internship or placement opportunities to contribute to impactful tech projects and connect with like-minded innovators.

EDUCATION

National Institute of Advanced Manufacturing Technology (Formerly NIFFT), Ranchi, India
Bachelor of Technology in Computer Engineering.   2022 – 2026

Crescent Public School, Sec-6, Bokaro Steel City, Jharkhand, India
Intermediate in PCM (Physics, Chemistry, and Mathematics).   2019 – 2021

EXPERIENCE

Twyn, Remote
Data Science Intern   Mar 2024 – Jun 2024

- Acquired hands-on experience in data science, focusing on Python programming, Linear Regression, KNN, and other key ML concepts during a project-based internship.
- Developed and deployed ML models (Linear Regression, KNN) that boosted prediction accuracy by **12%** on live datasets.

AIBrilliance, Remote
Software Development Intern   Sep 2023 – Dec 2024

- Built 25+ responsive blog pages, reducing bounce rate by **18%** through improved mobile-first UX.
- Revamped SEO strategy and minimized load time by 40%, resulting in **25%** higher site engagement.

PROJECTS

CRUD Application | Node.js, Express.js, MongoDB Atlas, Mongoose, Postman, Docker [GitHub Repository]

- Built a RESTful API that supports all CRUD operations, and is containerized with Docker for deployment.
- Used Postman to automate testing of 20+ endpoints and integrated error-handling middleware, reducing debugging time by **40%**.

Library Management Application | Java (Core), Java Standard Library [GitHub Repository]

- Developed a book borrowing system with deadline and fine calculation logic, handling up to 500 simulated entries.
- Simulated library data using Java I/O & ArrayLists, reducing runtime by **30%** through logic optimization.

SKILLS

- **Technical:** Java, C, JavaScript, React.js, HTML, CSS, Bootstrap
- **Databases:** MongoDB, AWS
- **Tools:** GitHub, Docker, Postman, Linux

ACHIEVEMENTS

- Selected among **top 65 teams from 5,300+** participants at HackNITR 5.0 at NIT Rourkela (2024).
- Winner in the **Line Follower Bot** Competition and Runner-up in the **Wild Race** organized as part of the **'Jinks Pranav 2023'** event.
- Finalist in the Cricket Tournament organized as part of the **'SADBHAVNA 2025'** event.