

RITIK BHARDWAJ

Aligarh, Uttar Pradesh

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EDUCATION

Indian Institute of Information Technology Nagpur
B.Tech (Computer Science Engineering)

Dec 2021 - Present
Nagpur, Maharashtra

Portfolio Website

Visit Website

Experience

EMOHA

Dec 2024 - Present

Software Engineer Intern

Gurugram, Haryana

- Contributing to the **backend** of **Emoha's in-house WMS (CRM system)** and **Carer App** using **Node.js, Express.js, Sequelize**, optimizing API performance and improving system efficiency by 20%.
- Optimizing **database queries** and implementing efficient data storage solutions with **SQL and Redis** for enhanced application performance.

Visvesvaraya National Institute of Technology Nagpur

Sept 2023 - Oct 2023

Internship (part-time)

Nagpur, Maharashtra

- Developed and launched two mobile apps for **Nagpur's veterinary community**: one featuring offline functionality using TensorFlow Lite and **Flutter**, and another with **AWS-hosted backend** enabling **real-time updates** for online users.

Spursona Private Limited

Jun 2023 - Sept 2023

Software Developer Intern (part-time)

Remote

- Worked with the team to **design and launch** a **"Passion Tracker"** feature that allowed users to **set goals, track progress, and share milestones** with their community.
- Resolved backend and database issues** by collaborating with cross-functional teams, achieving a 95% resolution rate through efficient debugging

PROJECTS

UniCom | Live Link | Reactjs, Firebase, Redux, Semantic-UI

Nov 2023 - Dec 2023

- Developed a **real-time communication** platform, enabling 100+ users to create channels for **team-based discussions** and manage over 500 conversations effectively.
- Integrated **photo-sharing functionality**, with 90% of users actively sending photos, added a **status indicator**, leading to a 40% improvement in user engagement by showing online/offline presence.

LetsBlog | Live Link | Reactjs, Appwrite, Redux,

Jan 2024 - Feb 2024

- Engineered a user-friendly platform allowing 200+ users to **create, edit, and delete blog posts**, with **advanced text formatting** and **image upload functionality**, leading to a 30% increase in user-generated content.
- Implemented social interaction features enabling users to **view and read blog posts** from other users, enhancing community engagement and content discovery.

SocioPedia - a MERN Social Media Application | Full Stack Development Oct 2023 - Nov 2023

- Implemented social media features such as **post uploads, post likes, and connection creation**, resulting in a 50% increase in user interactions.
- Designed **Backend** using **Node.js, Express.js, MongoDB** for efficient server-side operations and robust data management and used **Reactjs, Redux** for **Frontend**.

SKILLS

Languages: C, C++, Python, Dart, HTML, CSS, JavaScript, SQL, NoSQL

Technologies/Frameworks: ReactJS, Redux, NodeJS, ExpressJS, Git, MongoDB, Cloud, Flutter, Redis

Developer Tools: VS Code, Android Studio, Postman, GitHub, AWS, Docker

Platforms: Android, Linux, Web, Windows, MacOS

COURSEWORK

- Data Structures & Algorithms
- Artificial Intelligence & Machine Learning
- Computer Networks
- Operating System
- Database Management System (DBMS)
- OOPS

Achievements

- **Amazon ML Summer School 2023 scholar**
- **Global Rank 124** in Starters 58 Division 3 on **CodeChef**
- **600+** questions solved over different platforms
- **1800+** rated on LeetCode