RITIK BHARDWAJ

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EDUCATION

Indian Institute of Information Technology Nagpur   Dec 2021 - May 2025
B.Tech (Computer Science Engineering)   *Nagpur, Maharashtra*

Portfolio Website

[Visit Website](#) 🔗

Experience

EMOHA   **Dec 2024 - Present**
Software Engineer   *Gurugram, Haryana*

- **Promoted** to full-time role after successful internship **performance and critical contributions** to **backend architecture and performance optimization**.

Software Engineer Intern 🔗

- **Led** the **bi-directional** integration of **Cflow with Emoha's WMS**, automating real-time **lead synchronization**, mirroring **status updates** across systems, and triggering process-driven actions such as **consent form generation** based on lead progression.
- Reduced API response time from **15s to 600ms** in an elder management system by optimizing SQL queries with **CTEs** and **Window Functions**.
- **Developed and managed Cron Jobs** for automated data processing, report generation, and scheduled tasks in **Emoha's WMS (CRM system) and Carer App**, optimizing workflows and ensuring timely execution in a production environment.
- **Implemented database migrations, custom validators**, and optimized data handling using **Node.js, SQL, Redis, and AWS S3**, improving data consistency, security, and application scalability.

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

LetsBlog 🔗 | [Live Link](#) | Reactjs, Appwrite, Redux,

- **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

- 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, HTML, CSS, JavaScript, SQL, NoSQL
Technologies/Frameworks: ReactJS, Redux, NodeJS, ExpressJS, Git, MongoDB, Cloud, 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
- **Global Rank 78** in Leetcode weekly contest 434
- **1926** rated on LeetCode (level **Knight**)