# RAVINDRA BISHNOI

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## EDUCATION

**Rajasthan Technical University**                                                                       Kota, Rajasthan
*B.Tech in Information Technology — CGPA: 7.70 / 10 (till VI Semester)*                        *2022 – 2026*

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, Typescript
**Frameworks & Libraries:** React.js, Node.js, Express.js, Tailwind CSS
**Databases:** MongoDB, MySQL
**Version Control:** Git, GitHub
**Core Skills:** Web Development, Data Structures, Problem Solving, Prompt Engineering

## WORK EXPERIENCE

**MERN Stack Engineer Intern – CodeFlicks Technology**          Jaipur — May 2025 – July 2025
*MERN Stack Intern*
- Designed and developed end-to-end web applications using the MERN stack.
- Implemented scalable backend architecture with modular Express.js services and reusable middleware.

**Web Development & Prompt Engineering Intern – OXMIANT**          Jaipur — May 2024 – July 2024
*Intern*
- Developed responsive, cross-browser-compatible web pages using Bootstrap, enhancing UX by 25%.
- Explored large language models (LLMs) and prompt optimization to automate web content generation.
- Collaborated with backend developers to improve content delivery and data integration efficiency.

## PROJECTS

**ChatterSphere** | [GitHub](#) | [Live Demo](#)
- **Tech Stack:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT.
- Developed an AI-powered chatbot UI using **React** integrated with Google's Gemini API for real-time responses.
- Implemented **client-side PDF parsing** to extract text securely without sending user data to the server.
- Designed a clean and responsive UI with reusable components to ensure scalability and performance.

**CP-Trainer** | [GitHub](#)
- **Tech Stack:** MERN, JWT, WebSockets.
- Built an intelligent competitive programming trainer using **MERN stack** with secure backend execution.
- Implemented **random DSA problem generation** covering Arrays, Strings, DP, Graphs, Greedy, and more.
- Integrated an in-browser **Java code editor** with real-time output display and error handling.
- Designed a scalable problem storage system with MongoDB and Express.js middleware.

**Smart Code Editor** | [GitHub](#) | [Live Demo](#)
- **Tech Stack:** React, Node.js, Express.js, MongoDB, Tailwind CSS, OpenAI
- Developed a powerful **AI-powered online code editor** supporting Java and JavaScript execution.
- Integrated **OpenAI API** for intelligent debugging, code optimization, and error explanation.
- Implemented a secure backend using **Node.js** and isolated runtime environments for safe code execution.
- Designed an interactive and modern UI that supports real-time outputs, auto suggestions, and debugging hints.

## ACHIEVEMENTS

- **TCS CodeVita Season 13**: Qualified Round 1 with a **Global Rank of 3125**.
- **CodeChef Monday Munch DSA Challenge**: Achieved ranks **82**, **179**, and **292**.
- **University Rank 1 on InterviewBit** – Recognized for top performance in solving DSA problems on the platform.
- Solved **500+ DSA Questions** across platforms like LeetCode, InterviewBit, and GFG.
- Qualified **Rounds 1 & 2 of CodeRush Hackathon 4.0 (2024)**.