

Ramakant Singh Chouhan

B.Tech Information Technology
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LinkedIn | GitHub

CAREER OBJECTIVE

Aspiring Full Stack Developer and Computer Science undergraduate passionate about building scalable web platforms and intelligent automation systems. Interested in contributing technical expertise in Java, React, and Firebase to dynamic development teams while continuously learning and solving real-world challenges.

EDUCATION

- **Medi-Caps University, Indore** 2022 - 2026
Bachelor of Technology in Information Technology

EXPERIENCE

- **MERN Stack Intern**
Wormos Pvt. Ltd, Greater Noida May 2025 - June 2025
 - Outlined feature scope, technical feasibility, and user impact, aiding sprint planning.
 - Enabled component-based design, simplifying entity interactions and future scalability.
 - Achieved 40% performance boost in inventory operations and improved maintainability.
 - Fixed memory mismanagement in real-time, ensuring uninterrupted functionality.

PROJECTS

- **EaseBookings**
JavaScript, Booking Management System
 - Developed a comprehensive booking management system.
 - Streamlined reservation processes with user-friendly interfaces.
- **eSports Live Platform**
Java Spring Boot, ReactJS, MongoDB, Firebase, WebSocket
 - Developing full-stack web application for games BGMI and PUBG.
 - Creating RESTful APIs and MongoDB integration for live match and tournament data.
 - Implementing Firebase Authentication and real-time updates using WebSocket.
 - ReactJS frontend with Tailwind CSS and secure dashboards.
 - Web scraping with Jsoup for auto-updated news and admin tools.
- **Git Repo Visualizer 2.0**
ReactJS, NodeJS, D3js, JavaScript, Data Visualization
 - Developed a tool to visualize Git repository structures and commit histories.
 - Implemented branch visualization and contributor activity tracking.
 - Created interactive graphs to display project evolution over time.
 - Added support for analyzing commit patterns and codebase changes.
- **LYRA Voice Assistant**
Python, Speech Recognition, NLP
 - Developed AI assistant with speech recognition and NLP.
 - Integrated APIs for weather, web search, and task automation.
 - Voice interaction with error handling and user interface.
- **File Encryptor-Decryptor**
Java, Cryptography, File Handling
 - Built file encryption system using AES standards.
 - Created GUI for easy file encryption/decryption with password protection.
 - Added batch processing for multiple file handling.

TECHNICAL SKILLS

Languages: Java, C++, Python, SQL, JavaScript,

Web Development: HTML, CSS, Node.js, Express.js, React.js

Databases: MySQL, MongoDB

Tools: VS Code, GitHub, Git

Concepts: DSA, OOP, DBMS, Cryptography, WebSocket, REST APIs

Soft Skills: Analytical Thinking, Collaboration

ACHIEVEMENTS

- Certified in **Java DSA** by PW Skills and **Ethical Hacking** by Udemy.
- Created **File Encryptor** with AES and **LYRA AI** voice assistant.
- Completed **Python Essentials** and **C++ Programming** through Spoken Tutorials.