HIRDESH SINGH

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EDUCATION

B. Tech (Bachelor of Technology)   Aug 2023 - Aug 2027
Computer Science   CGPA: 8.32/10
VIT-Bhopal University

CORE TECHNICAL SKILL

Front-End: HTML, CSS, JavaScript, React.js
Programming: Java, Data Structures & Algorithms, Problem Solving
Databases: MongoDB, MySQL
Tools: Git, GitHub, API Development, Debugging & Troubleshooting

PROJECTS

Medicare – Online Disease Prediction & Doctor Appointment System
• Designed scalable front-end architecture with reusable components (HTML, CSS, JS).
• Implemented secure multi-role authentication (Admin, Doctor, User).
• Developed a smart slot booking system with real-time doctor availability.
• Utilized MongoDB for efficient data storage and smooth user experience

Deep-Fake Video Detection (AI + Web Integration)
• Built an AI-powered system to detect face-swap deepfakes using CNNs, RNNs, and LSTMs.
• Developed an interactive React.js frontend for real-time video uploads and detection.
• Integrated with MongoDB backend for scalable data handling and result storage.
• Optimized model using adversarial training and Face Forensics++ dataset.

Achievements & Competitive Programming

• Solved 150+ problems on LeetCode (DSA in Java).
• Solved 100+ problems on GeeksforGeeks.
• Actively solving problems on Codeforces.
• Participated in multiple University-Level Hackathons focusing on scalable web solutions.

CERTIFICATIONS

Introduction To Machine Learning- NPTEL