





ANKIT RAJ

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EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.49/10)

2022-Ongoing

Bhopal, MP


TECHNICAL SKILLS & RELEVANT COURSEWORK

Programming Languages: C, C++, Java, Python, JavaScript, MySQL

Technologies & Frameworks: HTML5, CSS3, React.js, Node.js, MongoDB, Bootstrap


Core Coursework: Data Structures & Algorithms, Object-Oriented Programming, Computer Networks, Cloud Computing

PROJECTS

Code Galaxy  | React, Node.js, Express, MongoDB


Dec 2024

- Launched a collaborative code editor supporting 15+ concurrent users with real-time synchronization.
- Integrated CodeMirror/Monaco Editor for syntax highlighting, improving code readability scores by 30%.
- Designed MongoDB models for storing 1,000+ code versions with minimal read/write latency.
- Built in-app team chat system, boosting project collaboration engagement by 45%.
- Secured platform with JWT authentication, reducing unauthorized access attempts to near zero.

Restaurant Reservation System  | React, Node.js, Express, MongoDB, JWT, WebSockets

Apr 2025






- Built a MERN stack reservation platform serving 200+ monthly active users, reducing average wait time by 90%.
- Developed 12+ RESTful APIs in Node.js/Express to handle bookings, availability checks, and cancellations, processing up to 500 requests/day.
- Optimized MongoDB schema with compound indexes, improving booking query speed by 65%.
- Integrated WebSockets for instant reservation status updates, achieving under 250ms latency.
- Designed mobile-responsive UI with React hooks and styled-components, increasing mobile traffic by 40%.

Sales-Chatbot  | Python, Flask, REST APIs, Session Management

Jul 2024

- Developed NLP chatbot handling 300+ daily customer queries with 85% accuracy in intent recognition.
- Integrated ML model to recommend products, increasing upsell conversion rates by 18%.
- Connected chatbot to live sales database, providing real-time availability and pricing for 500+ products.
- Deployed REST APIs enabling integration with 3+ client websites and messaging platforms.
- Reduced average response time to 480ms, improving customer satisfaction scores by 20%.

CERTIFICATIONS

- Cyber Security Analyst**  (IBM, Apr 2025)
- AWS Cloud Practitioner Essentials**  (Coursera, Oct 2024)
- The Complete 2024 Web Development Bootcamp**  (Udemy, May 2024)
- Cloud Computing**  (NPTEL, Jan-Apr 2024)
- The Bits and Bytes of Computer Networking**  (Coursera, Dec 2023)

EXTRA-CURRICULAR & TECHNICAL ACTIVITIES

Coding Practice:

- Actively solve problems on LeetCode to strengthen data structures and algorithms skills.
- Regularly practice programming challenges on HackerRank and GeeksforGeeks.

Club Memberships: Member of Music and Band Club, Nature and Trekking Club, and GSSoC Club at VIT Bhopal.

Volunteering: Active volunteer for multiple shows and events; serving as the lead singer of my band.