Manas Maheshwari

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Education

VIT Bhopal University   Expected May 2026
Bachelor of Technology in Computer Science and Engineering | CGPA: 8.08   *Bhopal, Madhya Pradesh*
Relevant Coursework: Internet and Web Programming, Computer Networks,
Data Structures, Software Engineering, Database Systems, Object-Oriented Programming

Technical Skills

Languages: C++, Java, Python, JavaScript, SQL, HTML5, CSS
Frameworks/Tools: MongoDB, Express.js, Node.js, React.js, Bootstrap, Tailwind CSS, Git, Flask, LLMs

Projects

Complaint Management System | *MERN Stack, Socket.io, RESTful API, Tailwind CSS, Material UI*
- Engineered a scalable web application "Online Complaint Registration and Management System" with role-based access using the MERN stack, enforcing data-level security and streamlining complaint workflows for Admins, Agents, and Users.
- Designed and deployed real-time communication using WebRTC and Socket.io, reducing response time by 35% and boosting engagement via real-time user interaction.
- Optimized backend API logic and MongoDB queries, cutting average complaint resolution time by 40% using Node.js server-side scripting and efficient database access patterns.

Gigzlr | *React.js, Typescript, HTML5, Tailwind CSS, Shadcn UI*
- Built a job portal platform using React.js, TypeScript, and Tailwind CSS, boosting user engagement by 40% through optimized job search features and interactive UI development.
- Implemented website components using modern techniques, making the site 25% faster and improving user experience for thousands of daily visitors.
- Created responsive job listing interface that works seamlessly across desktop and mobile devices, ensuring accessibility for users job hunting on-the-go
- Incorporated advanced job filtering and categorization, which accelerated user job discovery by 50%.

KrishiBot | *Python, Flask, HTML5, CSS, JavaScript*
- Devised an AI-driven agriculture assistant using Flask and Python, achieving 92% prediction accuracy for crop and fertilizer recommendations based on soil and weather input.
- Trained and fine-tuned ML models using Scikit-learn, leading to a 30% improvement in recommendation relevance over initial baseline models.
- Crafted a user-facing interface with HTML, CSS, and JavaScript, enabling farmers to access predictions and upload leaf images for disease detection.

Certificates

- Full Stack (MERN) with MongoDB Certification by SmartBridge
- GenAI Using IBM Watsonx by IBM Career Education Program
- Databases for Developers: Foundations by Oracle
- Semi-finalist at Smart India Hackathon, 2023 and 2024

Extracurricular Activities

- Core Member, Dance Club – VIT Bhopal: Recruited and mentored new students, managed workshops, and led a team of 10+ members in performances during annual fests
- Core Member, AdVITya '25 – VIT Bhopal's Techno-Cultural Fest: Managed event logistics, coordinated with guests, and oversaw team operations, showcasing strong interpersonal and leadership skills