

Manas Maheshwari



+91 70239 13737



E-mail



Linkedin



Github



Portfolio

Education

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering (GPA: 8.22 / 10.00)

Expected May 2026

Bhopal, Madhya Pradesh

Experience

Dr. Ambedkar Lab Foundation (NGO)

Python Developer Intern

Nov 2023 – Jan 2024

Jaipur, Rajasthan

- * Drafted and optimized Python-based software using OpenCV, increasing processing speed by 25% and enhancing overall performance. Collaborated with a team of 4 developers to debug and troubleshoot software issues in a full-stack development environment.

Projects

OCRMS ([Link](#)) | React.js, Node.js, Express.js, MongoDB, Redux, JavaScript, HTML5, Tailwind CSS, Material UI

- Built a scalable full-stack web application 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.
- Created a responsive and mobile-optimized UI using React.js and Tailwind CSS, ensuring seamless accessibility across screen sizes.

Gigzlr ([Link](#)) | React.js, Typescript, HTML5, Tailwind CSS, Shadcn UI

- Constructed 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.
- Refactored UI components with React Hooks and Context API, enhancing performance and reducing load time by 25%, showcasing skills in modern front-end frameworks.
- Integrated CI/CD pipelines for continuous deployment to Vercel, reducing manual deployment errors and speeding up feature delivery.
- Incorporated advanced job filtering and categorization, which accelerated user job discovery by 50%.

KrishiBot ([Link](#)) | Python, Flask, HTML5, CSS, JavaScript

- Engineered 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.
- Built a user-facing interface with HTML, CSS, and JavaScript, enabling farmers to access predictions and upload leaf images for disease detection.

Technical Skills

Languages: C++, Java, Python, JavaScript, SQL, HTML5, CSS

Frameworks/Tools: React.js, Node.js, Express.js, MongoDB, PostgreSQL, REST APIs, Git, Github, Tailwind CSS, Bootstrap

Certificates

- MongoDB Developer Certification Smartbridge by MongoDB
- GenAI Using IBM Watsonx by IBM Career Education Program
- Semi-finalist at Smart India Hackathon, 2023 and 2024
- Databases for Developers: Foundations by Oracle