Manthan Khamkar

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EDUCATION

MCT's Rajiv Gandhi Institute of Technology Mumbai, Maharashtra
Bachelor of Engineering in Computer Engineering - CGPA: 7.6 *Aug. 2021 – May 2025*

Disha Junior College Wai, Maharashtra
HSC Science (PCM) - Percentage: 88.33% *June 2020 – April 2021*

EXPERIENCE

Full Stack Development Intern March 2024 — June 2024
Ntech Global Solutions *Mumbai, Maharashtra*
- Enhanced full-stack web applications using React.js, Node.js, and MongoDB, reducing API response time by 30%
- Consistently delivered projects ahead of schedule, meeting deadlines 90% of the time.
- Helped develop the project's backend using Node.js, MongoDB, increasing scalability by about 10%.

Web Development Intern June 2023 – July 2023
TechnoHacks *Mumbai, Maharahtra*
- Gained hands-on experience in web development workflows, meeting project deadlines and adhering to practices.
- Optimized MySQL and MongoDB queries, improving application performance by about 10-15%.
- Contributed to the development of two responsive web applications, increasing usability by 30%

PROJECTS

HomeConnect:HealthHub / *Python, Flask, React, SQL, NodeJS* Jan 2025–March 2025
- Built an AI-powered platform for diagnosing skin conditions using TensorFlow and OpenAI API
- Designed a marketplace for Ayurvedic products with personalized health recommendations
- Implemented secure authentication and integrated Razorpay for payments
- Created a community space with articles, bootcamps, and live sessions, empowering users to learn together.

Placement Preparation Platform Using ML / *ReactJS, ExpressJS,MongoDB,NodeJS* Sept 2025–March 2025
- Developed a placement preparation platform with modules for technical and non-technical aptitude practice
- Implemented mock tests with interactive dashboards to provide detailed user analysis and performance insights
- Generated an online interview preparation module, utilizing face and tone analysis for feedback on facial expressions, tone, and content
- Designed leaderboard features to encourage competitive learning and track user progress
- Used by over 100 students, who provided feedback to improve features and enhance interview preparation.

TOMATO: Full-Stack Food Delivery Website / *MERN Stack, Stripe, Tailwind CSS* March 2024–June 2024
- Set Up a food delivery platform using the MERN stack (MongoDB, Express.js, React.js, Node.js)
- Implemented advanced filtering options allowing users to search food based on cuisine, price range, and ratings
- Integrated Stripe payment gateway for secure, seamless online transactions

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Java,TypeScript
Libraries/Frameworks:: React, Node.js, Express, Flask, Bootstrap,SpringBoot
Developer Tools:: Git, GitHub, Docker, VS Code,Cursor, Postman,Kafka
Databases::MySQL, MongoDB, SQLite, Postgresql
Cloud:: AWS, Vercel, Netlify , Kubernetes,CI/CD Pipeline,Jenkins
AI/ML: Machine Learning, Prompt Engineering,TensorFlow,Deep Learning (CNNs, RNNs),Langchain,Pytorch
Data Structures and Algorithms: Leetcode

ACHIEVEMENTS

IDEATHON'24 Finalist, organized by RGIT CODECELL and E-CELL

Hackathon Finalist (5+ times): Competed in national hackathons like KJ Somaiya, Thadomal, etc.

Led a team as Technical Head, organizing tech workshops and managing projects to enhance collaboration.