

Bhavin Patel

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TECHNICAL SKILLS

Programming Languages: C++

Web Technologies: React.js, MySQL, Next.js, Node.js, MongoDB, PostgreSQL

Tools & Platforms: AWS, Git, GitHub

PROJECTS

TrackMyFunds | *React, Express, MongoDB*

Feb 2025 – Apr 2025

- Developed a personal finance dashboard allowing users to log expenses, categorize transactions, and track budget trends through an intuitive React interface.
- Implemented JWT-based authentication, protected routing, and session management to ensure secure user access.
- Integrated interactive charts and graphs to dynamically visualize income, expenses, and savings over time.
- Built robust CRUD operations and optimized API interactions using Express.js with MongoDB as the backend database.

CodeNexus | *React.js, Node.js, MongoDB*

Sep 2024 - Nov 2024

- Developed full-stack EdTech marketplace enabling instructors to publish courses and students to explore and purchase them.
- Integrated Razorpay for secure payments and Cloudinary for efficient media handling and content delivery.
- Engineered interactive React.js components with Tailwind CSS, delivering seamless user experiences across devices
- Developed backend system to handle user data, course information, and purchase transactions.

MediAssist | *Python, Gradio, Groq, Whisper, LLaMA*

Jan 2024 – June 2024

- Built an AI-driven medical assistant using Python and Gradio, supporting voice and image-based health interactions.
- Integrated LLaMA for multimodal analysis and **Whisper** for real-time transcription with natural voice feedback.
- Deployed on Groq's inference engine with secure API handling and scalable backend architecture.
- Enhanced user experience with an intuitive UI, responsive design, and optimized performance across devices.

EXTRA-CURRICULAR

- Recognized as Player of the Tournament among 60+ participants in an inter-college cricket championship for scoring 280+ runs and taking 15 wickets.
- Led a 15-member team as Tech Lead of Mozilla FireFox Club, organizing 10+ workshops and mentoring 20+ juniors in web development and open source.
- Ranked in the top 5% in Round 1 of HackVega, a national hackathon with 2,000+ participants, by solving real-world problem statements.
- Advanced to Round 2 of the Adobe India Hackathon, demonstrating innovative problem-solving in a national-level competition.

EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science and Engineering – CGPA: 8.79

Nov 2022 – Present

Alpha Jr. College of Science and Commerce (HSC)

Higher Secondary Certificate – 73.5%

Mumbai

July 2022

Powai English High School (SSC)

Secondary School Certificate – 86.8%

Mumbai

March 2020