

VIKESH MEHTA

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EDUCATION

B.Tech, Computer Science & Engineering
VIT Bhopal University, India

Sep 2022 – Sep 2026
CGPA: 8.70/10

PROJECT EXPERIENCE

Smart Health - Rural Healthcare Platform

Apr 2025–June 2025

React, TypeScript, Supabase, PostgreSQL

- Developed an AI-integrated healthcare platform for rural communities, enabling **24/7 access** to medical assistance via **50+ smart health booths**.
- Implemented core features like health checkups and virtual consultations, increasing healthcare accessibility by **40%** in under-served areas.
- Designed a user management system with secure authentication, resulting in **300+ active users** and improved health tracking.
- Ensured responsive design with dark/light mode support, enhancing usability across **3 device types** (desktop, tablet, mobile).
- Deployed security features such as Row Level Security (RLS), ensuring user data privacy and compliance with healthcare regulations for **100% of users**.

Plot Weaver - Generative AI Storyteller

Apr 2025–May 2025

Flask, Google Gemini API, HTML/CSS/JS

- Built an AI-powered storytelling web app serving **100+ DAU**, integrating Gemini API and Flask backend.
- Boosted frontend performance by **30%** through lazy-loading and script optimization.
- Streamlined deployments with automated CI/CD (GitHub Actions), cutting release time by **40%**.

BudgetBuddy - Personal Expense Tracker App

Feb 2025–Apr 2025

React, Node.js, Express, MongoDB

- Developed a full-stack tracker adopted by **250+ users**, enabling secure expense categorization and budget monitoring.
- Designed visualization features using Chart.js and alert systems, improving budget adherence by **25%**.
- Integrated WebSocket-based alerts at 80% threshold, lowering budget violations by **15%**.
- Tuned MongoDB indexing to reduce API latency from **200ms to 100ms**.

GitConnect - GitHub Profile Platform

May 2024–Jul 2024

MERN, GitHub OAuth, Passport.js

- Led development of a GitHub-authenticated MERN platform with 98% login success and 150+ users.
- Delivered key features: repo likes, cloning, user insights—indexed **1,000+ repositories**.
- Built tech stack parser to extract repo dependencies from package files.
- Authored onboarding guide and API docs, accelerating contributor integration by **60%**.

SKILLS

Programming: Python, C++, SQL, JavaScript

Frameworks: React.js, Node.js, Express.js, Flask, Tailwind CSS, TypeScript




Databases: MongoDB, MySQL

AI/ML: Scikit-learn, Pandas, OpenCV, Generative AI (Gemini, WatsonX)

AWARDS, ACHIEVEMENTS & LEADERSHIP

- Presented research at “Viksit Bharat 2024”; selected among **168K+** applicants; addressed audience of **200+ professionals**.
- Hackathons:** Finalist – Smart India Hackathon 2024; 2’nd Round – AI-Xplain Hackathon 2025; Microsoft AI Skills Challenge 2024 – Certified.
- Research:** Speaker at National Conference “VIVIBHA’24” (SGT University, Nov 2024).
- Open Source:** Contributor to React repos with **50+ stars**, **20+ forks**; maintained non-profit system with **5% user growth/month**.

CERTIFICATIONS

- Full Stack Web Development – SMARTBRIDGE ()
- Generative AI Using IBM WatsonX ()
- NPTEL Cloud Computing ()

RELEVANT COURSEWORK

- Key Courses:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Relational Databases, RESTful API Design, Web Engineering, Machine Learning, Cloud Architecture
- Problem Solving:** Solved over **150+ Data Structures & Algorithms** problems across LeetCode and GeeksForGeeks, demonstrating strong analytical and coding proficiency.