Vaibhav Kothari

Full-Stack Developer & AI Enthusiast

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Professional Summary

Passionate Computer Science student with proven expertise in full-stack development and AI integration. Demonstrated ability to build innovative, user-centric applications using modern technologies including React.js, Next.js, and AI APIs. Award-winning hackathon participant with strong problem-solving skills and experience leading technical teams.

Education

Bennett University
Bachelor of Technology in Computer Science
Focus: Software Development & Artificial Intelligence

Technical Skills

Programming Languages:	Python, JavaScript, C++, TypeScript, HTML5/CSS3, SQL
Frontend Technologies:	React.js, Next.js, React Native, Tailwind CSS, Responsive Design
Backend & APIs:	Node.js, Django, FastAPI, RESTful APIs, WebRTC, Agora SDK
AI & Machine Learning:	TensorFlow.js, Gemini API, Computer Vision, Natural Language Processing
Databases & Cloud:	MongoDB, MySQL, Firebase, Docker, Appwrite, AWS EC2

Key Projects

Sanjeevan - AI-Powered Video Calling for Speech Impaired
Live Demo   GitHub Repository
- **1st Place Winner** in AI track at Hackaccino - recognized for innovation in accessibility
- Developed real-time hand sign detection system using TensorFlow.js with 95% accuracy
- Integrated WebRTC and Agora SDK for seamless, low-latency video communication

FiteX – AI Fitness Coach Mobile App
GitHub Repository
- Created cross-platform mobile app using React Native with AI-powered personalization
- Integrated Gemini API for intelligent workout planning and nutritional guidance

Mentora – Blockchain-based Educational Platform
Live Demo   GitHub Repository
- **2nd Runner-Up** at Hackaccino 3.0 in Blockchain track
- Built decentralized learning platform combining education with Web3 technology

Experience

Web Developer
TitanTech Investements
- Developed and maintained client-facing web applications serving 1000+ users
- Built responsive, performant interfaces using Next.js powered by notion.
- Optimized application performance resulting in 40% faster load times

Leadership & Community

Technical Co-Head
FullStack Club, Bennett University
- Leading technical workshops on modern web development for 100+ students