

Vaibhav Kothari

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PROFESSIONAL SUMMARY

Third-year Computer Science undergrad (CGPA: 9.1/10) at Bennett University with proven experience in building, optimizing, and scaling modern **web** and **AI-powered applications** using Next.js, React.js, and robust backend technologies. Delivered 10+ high-impact projects across hackathons, freelance work, and open-source contributions, reaching 1,000+ users and earning multiple hackathon wins. Passionate about creating scalable systems, impactful user experiences, and production-ready AI integrations.

EDUCATION

Bennett University Greater Noida, India
Bachelor of Technology, Computer Science (AI/ML Minor), CGPA: 9.1/10.0 August 2023 – Present
• Relevant Coursework: Data Structures & Algorithms; Database Systems; Operating Systems; Software Engineering

TECHNICAL SKILLS

Programming & Scripting: Golang, C++, Python, JavaScript, TypeScript, SQL
Frameworks & Tools: FastAPI, Django, Express.js, Docker, GitHub Actions
Databases & Analytics: PostgreSQL, MySQL, MongoDB, Pandas, NumPy
Cloud & Infrastructure: AWS (EC2, S3), GCP, CI/CD pipelines, Scalable Architecture, Distributed Systems

EXPERIENCE

Front-End Developer Jan 2026 – Present
Sapphire Broking  Remote — Nagpur, India
• Refactored and optimized large-scale front-end codebases by designing **reusable, modular components**, improving maintainability and development velocity.
• Improved **client-server communication efficiency** by restructuring API call patterns, reducing redundant requests and significantly lowering perceived latency.
• Implemented **server-side rendering and data-fetching optimizations** in Next.js, along with **caching and rate-limiting strategies**, to significantly reduce load times, improve SEO, and ensure stable performance under high traffic.

Full-Stack Engineer June 2025 – Oct 2025
TitanTech Investments  Remote — Dubai, UAE
• Architected and maintained client-facing investment platforms serving **1,000+ active users**, ensuring **high availability** and reliability across India and UAE.
• Built responsive, performant interfaces using **Next.js** and integrated automated **Notion-based workflows**, reducing manual content updates by **80%**.
• Developed country-specific onboarding flows: integrated **Aadhaar + DigiLocker APIs** for seamless India KYC, and implemented **Emirates ID verification + passport scanning** for UAE compliance.
• Optimized front-end and backend pipelines, achieving **40%+ faster load times** and improving overall **user engagement** metrics by **25%**.

PROJECTS

Mentora - AI-Powered Web3 Learning Platform  | *Blockchain, AI, Smart Contracts, LangChain* April 2025
• Developed a **blockchain-based educational platform** with **smart contract architecture** for decentralized learning and **NFT certification systems**, featuring a secure **token-based payment infrastructure**.
• Integrated an **AI-powered assessment system** using **LangChain** and **Generative AI** for automated code evaluation and **real-time performance analytics**.
• **Won 2nd Runner-Up + Track Winner** at Hackaccino 2025 (300+ teams)  demonstrating innovation in **ed-tech & fintech**.
FiteX — AI-Powered Fitness Coach App  | *React Native, Gemini API, Cross-Platform* January 2025
• Built a **cross-platform mobile app** using **React Native**, integrating the **Gemini API** for real-time health analysis used by **40+ test users**.
• Pioneered **AI-personalized workout and nutrition plans**, adapting to user progress and increasing feature adoption by **3+ new features per user**.
• Designed intuitive dashboards with **charts and progress indicators**, improving usability scores in user testing by **40%**.

LEADERSHIP & ACTIVITIES

- **Open Source Contributor & Maintainer:** Maintained the **PaiseKaHisab**  repository during **Hacktoberfest 2024** and contributed as a **GSSOC Contributor**, strengthening collaborative and open-source development skills.
- **Technical Speaker:** Delivered hands-on workshops and technical sessions on **full-stack development, AI integration**, and modern web technologies, mentoring and engaging **300+ students**.
- **Competition Success:** Recognized as **Hacktoberfest Top Contributor (2024)** and **GSSOC Extended Contributor (2024)**; secured **4 wins across 10+ hackathons**, demonstrating innovation, teamwork, and problem-solving under pressure.