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

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%**.

Web Developer — October 2024 – December 2024
NexCraft ↗ — *Remote — Greater Noida, India*
- Designed and launched **3+ major product features** using **Next.js** and **Astro**, significantly improving client onboarding and overall platform usability.
- Collaborated in **agile sprints** with a **6-member team**, delivering features **20% ahead of deadlines** through strong coordination and efficient development practices.
- Enhanced **UI/UX** and overall code quality by applying modern **JavaScript** and **React** best practices, reducing UI/UX-related bugs by **30%** and improving customer satisfaction.

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

Tech Lead, Full-Stack Club: Bennett University (2024). Organized **15+ technical events** including talks, showcases, and open-source contribution drives attended by **200+ students**, demonstrating strong leadership in technology education.

Open Source Contributor & Maintainer: Maintained the **PaiseKaHisab** ⍥ repository during **Hacktoberfest 2024** and contributed as a **GSSOC Contributor**, strengthening open-source expertise and collaborative development skills.

Technical Speaker: Delivered hands-on workshops and technical sessions on **full-stack development**, **AI integration**, and modern web technologies, mentoring and engaging **100+ students**.

Competition Success: **Hacktoberfest Top Contributor (2024)**, **GSSOC Extended Contributor (2024)**, and secured **4 wins in 10+ hackathons**, demonstrating exceptional innovation, teamwork, and problem-solving under pressure.