Vivek Sadhu

Bachelor of Technology
Vishnu Institute of Technology, Bhimavaram

📞 +91-8297310979
✉ viveksadhu369@gmail.com
 GitHub Profile
 LinkedIn Profile

EDUCATION

•**Bachelor of Technology in Information Technology** *2022–2026*
Vishnu Institute of Technology CGPA: 9.32

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, HTML5, CSS3
Frameworks: ReactJS, Node.js, Express.js
Cloud & DevOps: Google Cloud Platform Firebase
Databases: MongoDB, MySQL
Relevant Coursework: AI Agents, Agentic Workflows, Prompt Engineering, Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, DBMS, Software Engineering, Computer Networks

PERSONAL PROJECTS

•**PrepAI — Personalized Placement Preparation Platform** *July 2025 – Present*
Full-stack platform powered by AI to generate customized interview prep strategies. [Demo] [GitHub]

- Engineered scalable web app using **React.js + Firebase**, enhancing engagement for 500+ users.
- Integrated **Gemini API** to generate **company-specific roadmaps** based on CGPA, college, and role.
- Implemented **Firebase Auth** and Firestore for secure, real-time user experience.
- **Tech:** React.js, Firebase, Gemini API, Cloud Functions

•**Telehealth Prestige – Zero-Latency Telehealth** *Jan 2024 – Mar 2024*
Remote healthcare platform with HIPAA-compliant video calls.

- Integrated WebRTC with <200ms latency for 1-to-1 and group consultations.
- Microservices with Node.js and Firebase; achieved 99.9% uptime.
- **Tech:** ReactJS, Node.js, WebRTC, Firebase, Docker, GitHub Actions.

•**UniWORK – Student Freelance Marketplace** *Jul 2024 – Sep 2024*
Connects 1000+ students with paid gigs.

- Improved performance by 40% using lazy-loading and code-splitting.
- RESTful APIs, JWT authentication, and MongoDB with replica sets.
- **Tech:** ReactJS, Node.js, Express.js, MongoDB, Docker, GitHub Actions.

EXPERIENCE

•**Google AI/ML Internship – AICTE Eduskills** *May 2024 – July 2024*
AI/ML Intern – Cloud-Native Deep Learning Remote

- Trained and deployed 5+ ML models (NLP, CNN) with 87% accuracy on real-world datasets.
- Built CI/CD pipelines with Docker and GitHub Actions, reducing deployment time by 50%.
- Used Vertex AI, AutoML Tables, BigQuery for end-to-end ML workflows.
- Participated in Agile sprints with Markdown documentation and Git version control.

KEY ACHIEVEMENTS

•**GDSC – Runner Up among 100+ teams** Jan 2024

•**Spark Tank – Startup Pitch Winner for AI-driven EdTech Idea** Sep 2024

•**Innovit Hackathon – 1st Prize for Freelance Web Platform UniWORK** Dec 2024

ROLES AND RESPONSIBILITIES

•**Marketing Lead**, Google Developer Group (GDG) VITB *2024–Present*

•**TEDx Hospitality Team**, Guest experience for 100+ speakers *2025*

•**Sponsorship Team Lead**, Vishva Tech 3.0 by Vishnu TBI *2025*

•**President**, DO IT Club (IT Dept.) *2024–Present*