

Krishna Bhambani

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering - **CGPA-8.80**

Vellore, Tamil Nadu, India

Aug 2022 – Present

Bethel Academy

Senior Secondary | CBSE Board | **Percentage-84%**

Prayagraj, India

Mar 2020 – May 2022

TECHNICAL SKILLS

Languages: C/C++, Java, Python, JavaScript, HTML, CSS, SQL

Frameworks/Libraries: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Next.js, GSAP

Tools/Platforms: Git, GitHub, AWS, MySQL, Clerk, Supabase

CS Fundamentals: Data Structures, Algorithms, OOPs, DBMS, Computer Networks, Operating Systems

PROJECTS

Learning Management System | [Link](#) | ReactJS, Tailwind CSS, MongoDB, Node.js

Apr 2025 – May 2025

- Developed a scalable frontend for a Learning Management System using React.js and Tailwind CSS, improving page responsiveness by **40%**.
- Integrated **15+ RESTful API endpoints** for real-time updates on courses and performance, enhancing UI interactivity and data flow.
- Implemented secure authentication and role-based access with Clerk, reducing login issues by **90%** across **2 user roles** (Educator, student).

Tools Cult Platform | [Link](#) | React.js, Tailwind CSS, Gemini API, Vercel

Jun 2025 – Jul 2025

- Designed and implemented user interfaces for Tools Cult, streamlining workflows across 5+ AI tools.
- Integrated Gemini API for real-time content generation, enabling smart document automation.
- Reduced load times by **25%** by optimizing component hierarchy and improving responsiveness across devices.

Codify website | [Link](#) | Next.js, Tailwind CSS, GSAP, Git, Clerk API

Jun 2024 – Sept 2024

- Designed and deployed AI-driven tools for resume generation, mock interviews, and job matching, improving user placement readiness.
- Integrated academic resources including cloud-based access to past papers, notes, and video tutorials.

EXPERIENCE

Developer Intern

Prayagraj, UP

CodeResite

Jun 2024 – Jul 2024

- Enhanced UIs with **ReactJS**, **Tailwind CSS**, **NodeJS**, and **Supabase**, boosting website responsiveness by **30%** and user satisfaction by **25%**.
- Optimized user workflows, contributing to a **15%** uplift in engagement and a **10%** drop in bounce rates.
- Improved web accessibility compliance by **20%** by implementing semantic HTML5 elements and keyboard navigability, enhancing the user experience.

Tech Mentor

VIT VELLORE

IEEE-SSIT

Dec 2024 – Present

- Led technical strategy and spearheaded **5+** innovation-driven projects as a Board Member for IEEE Society on Social Implications of Technology.
- Mentored **400+** students during VIT hackathons, guiding **50+** teams to develop scalable web and AI solutions under real-time constraints.

ACHIEVEMENTS AND CERTIFICATIONS

- Achieved **Microsoft Azure AI-900 Certification**, validating the core understanding of Azure fundamentals and cloud services. - [Link](#)
- Organised a **36-hour hackathon** focused on Sustainable Goals, managing logistics, sponsors, and 1000+ participants
- Certified in **Frontend Development by IIT Kanpur** – Gained hands-on experience in frontend technologies
- Served in the **Management team** of an **IEEE International conference**, overseeing event coordination.