

ANKIT VERMA

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PROFESSIONAL SUMMARY

Aspiring Software Engineer with strong problem-solving skills and a solid foundation in DSA and backend development. Gained practical experience through internships and hands-on projects in web development.

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY, MESRA

Ranchi, India

Bachelor of Technology, Computer Science

Nov 2022 - Present

- CGPA: 8.21/10.00
- Coursework: Data Structures, Algorithms, OOPS, DBMS, OS

SKILLS

- **Databases & Technologies:** MongoDB, SQL, Git, Github
- **Libraries & Tools:** Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn, TensorFlow
- **Languages & Frameworks:** C++, Python, JavaScript, NodeJS, ReactJS, ExpressJS, NextJS, Langchain

EXPERIENCE

Simpl

SWE Intern (Golang, Ruby, PostgreSQL, Concourse, AWS, Docker)

May 2025 – July 2025

- Reduced backend load by optimizing Anti-Fraud System calls in the Pay-in-3 transaction flow, cutting redundant requests by **75%** without affecting functionality.
- Built and deployed high-performance backend APIs for updating user credit configurations, serving **millions of requests** across core transaction services with low latency.
- Migrated backend data usage from legacy merchant configuration tables to new product configuration tables across multiple services, improving code maintainability and deployment flexibility.

Fleeter

SWE Intern (ReactJS, TypeScript, NodeJS, ExpressJS, SQL, AWS, Docker, Jenkins)

Dec 2024 – Feb 2025

- Designed and implemented a location-based pricing module for cart page by creating MySQL tables and views.
- Diagnosed and resolved issues related to Razorpay API and GPS form integration bugs.
- Integrated Jenkins for automated CI/CD pipelines, improving the deployment efficiency.

PROJECTS

BitWebApp-24 | Project Link

Tech stack: MongoDB, ExpressJS, ReactJS, NodeJS, Multer, Cloudinary, Tailwind

- Engineered a web application alongside Prof. Dr. Kanungo, streamlining data management for **500+ students**.
- Integrated **25+** features into academic, review, booking and alumni modules for student and admin interfaces.
- Facilitated dynamic report generation using ExcelJS, improving data management efficiency by **30%**.

CursorTalks | Project Link

Tech stack: LangChain, LangGraph, OpenAI GPT-4o, MongoDB

- Created a voice-based AI coding assistant using GPT-4o for natural language code generation and execution.
- Implemented LangGraph with LangChain to enable multi-step reasoning and context using MongoDB.
- Integrated SpeechRecognition and TTS for complete voice-driven interaction, including task output via speech.

POSITION OF RESPONSIBILITY

Finance Club

Position of Responsibility: Treasurer

- Coordinated accommodation logistics of **50+** students, ensuring smooth participation in NatFoE'23 & IMP'23.
- Hosted 'Arth Anarth' and 'Estimania' events during Finstreet '24 (**80+** participants) and led 'Wall Street Journal' event, engaging **70+** participants in Pantheon'24.

ACHIEVEMENTS

- **Winner, BIT NISHAN 2024** – Secured **₹1,00,000** grant for JurixAI, selected among the top 50 teams.
- Published 10+ YouTube videos on college and anime topics, totalling **40000+** views across **2** channels.
- Developed a **MOOC solutions portal** using Streamlit, helping **3000+** students in my college with coursework.
- Exams: JEE Mains **98.7** percentile, COMEDK **97.9** percentile, BITSAT **236/390**.
- Solved **1000+** coding problems across platforms such as LeetCode, GFG, CodeChef, Codeforces.