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 (CGPA: 8.20/10.00) — Nov 2022 - Present

SRI CHAITANYA VIDYA NIKETAN — Visakhapatnam, India
- Intermediate (Percentage: 89.6%) — May 2020 - July 2022

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
- **Coursework:** OS, OOPS, DBMS, Data Structures and Algorithms, Computer Networks

EXPERIENCE

Simpl — Bangalore
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 (Go-based service) for updating user credit configurations, serving **millions of requests** across core transaction services with low latency.
- Migrated **2500+** lines of backend code from legacy merchant configuration tables to product configuration tables across multiple services, significantly improving scalability, maintainability, and deployment flexibility.
- Contributed to backend reliability and team efficiency by documenting APIs, extending fraud detection with session ID extraction from cookies, and enforcing REST-compliant response codes for cleaner error handling.
Certificate: Click Here

Fleeter — Remote
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 new MySQL tables and views.
- Diagnosed and resolved critical issues including duplicate cart entries and Razorpay payment integration errors, improving booking accuracy and transaction reliability.
- Integrated Jenkins for automated CI/CD pipelines, improving the deployment efficiency.
Certificate: Click Here

PROJECTS

BitWebApp-24 | Project Link
Tech stack: MongoDB, ExpressJs, ReactJS, NodeJs, Tailwind
- Engineered a full-stack web application adopted by the Computer Science department, streamlining academic and administrative data management for **500+** students and faculty.
- Developed backend models, controllers, and routes for modules such as GPA tracking, student reviews, alumni profiles (work experience & positions), and classroom booking with admin approval workflow.
- Collaborated with a 7-member team to deliver **25+** features across student and admin interfaces, replacing paper-based workflows and reducing manual administrative workload by **~50%**.

CursorTalks| Project Link
Tech stack: LangChain, LangGraph, OpenAI GPT-4o, MongoDB, SpeechRecognition, GPT-4o TTS
- Created a voice-based AI coding assistant that generates, executes, and summarizes code from natural language queries using LangChain, LangGraph, and OpenAI GPT-4o API.
- Integrated multi-step reasoning and execution planning with MongoDB checkpointing, enabling reliable task progression and context retention across coding sessions.
- Implemented full voice interaction pipeline with speech-to-text via Google SpeechRecognition API and real-time text-to-speech using OpenAI GPT-4o TTS, delivering a hands-free coding experience.

POSITION OF RESPONSIBILITY

Finance Club — Position of Responsibility: Treasurer
- Coordinated accommodation for **50+** students at NatFoE'23 & IMP'23, and organized multiple finance events including 'Arth Anarth' & 'Estimania' (**80+** participants) at Finstreet'24 and 'Wall Street Journal' (**70+** participants) at Pantheon'24.

ACHIEVEMENTS

- **Winner, BIT NISHAN 2024** - Secured **₹1,00,000** grant for JurixAI, selected among the top 50 teams.
- 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.