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 **500+** coding problems across platforms such as LeetCode, GFG, CodeChef, Codeforces.