

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

- Bachelor of Technology, Computer Science (CGPA: 8.20/10.00)

Ranchi, India
Nov 2022 - Present

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

Eternz

Remote

Engineer Intern (**Django, GraphQL, PostgreSQL, ReactJS**) (change points)

Sept 2025 - Nov 2025

- Improved logistics and delivery workflows by enhancing pincode management, business rules, and data consistency in order and logistics table.
- Developed and optimized financial and invoice-related APIs, including secure PDF generation and direct-to-S3 file uploads using presigned URLs for better performance.
- Consolidated application logging by migrating print-based logs to a structured Python logging system, improving observability and debugging.
- Implemented internal CMS diff tools and automated bulk product/variant updates through cron-driven CSV processing, improving admin efficiency and content workflows.

Simpl

Bangalore

Engineer 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

Bitacademia | [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](#).