# SHUBHAM GUPTA

Kolkata , West Bengal , 700001

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## Education

**Vellore Institute of Technology Bhopal** <div align="right">Sep. 2022 – Ongoing</div>

*Computer Science and Engineering (Artificial Intelligence and Machine Learning)* <div align="right">***CGPA** - 8.97*</div>

## Relevant Coursework

- Data Structures
- Computer Networks
- Database Management
- OOPS

## Experience

**Zyntriq AI Solutions Pvt. Ltd** <div align="right">Mar 2025 – Jun 2025</div>

*Frontend Development Intern*

- Developed responsive React.js components with Tailwind CSS for AI-powered internal application, enhancing UI performance by and meeting WCAG accessibility standards
- Built modular component library with reusable UI elements and integrated RESTful API endpoints to enable real-time data synchronization and reduce code duplication
- Collaborated with person cross-functional team including UI/UX designers and backend developers to deliver production-ready features within project deadlines

## Projects

**Musify** | *Python, Streamlit, Spotipy, NLTK* <div align="right">[GitHub]</div>

- Designed a personalized recommendation system using cosine similarity on acoustic features from a 1M+ song dataset
- Achieved 88% match accuracy and 85% genre precision in similarity-based track suggestions
- Integrated Spotipy API and Streamlit for interactive UI with album visuals and mood filters via NLP

**AI Digest** | *React.js, Gemini Api, Tailwind CSS, Express.js, MongoDB, NodeMailer* <div align="right">[GitHub]</div>

- Built a discovery dashboard to track latest 50+ AI models across GitHub, Hugging Face, and arXiv using public APIs
- Implemented automated refresh pipelines to surface 30+ trending models with metadata and search filters
- Integrated a weekly newsletter delivery system using NodeMailer and dynamic content generation from live data

**PawVaidya** | *React.js, Node.js, Express.js, MongoDB, Cloudinary, Gemini API, Mistral, RAG* <div align="right">[GitHub]</div>

- Integrated a Retrieval-Augmented Generation (RAG) pipeline with Mistral and Gemini LLMs, improving accuracy and reliability of veterinary healthcare recommendations
- Developed a Gemini-powered chatbot for intelligent, real-time patient assistance and health inquiry resolution
- Managed 1K+ electronic health records using Cloudinary with role-based access, appointment management, and automated email notifications via Nodemailer

## Technical Skills

**Languages**: C++, Python, JavaScript, HTML/CSS, SQL.
**Databases**: MySql, MongosDB, AWS
**Technologies/Frameworks**: ReactJS, Tailwind CSS, Material UI, Bootstrap, AWS Recoil, Redux Toolkit, Context-API, React Router, Node.js, Express.js, Socket.io.
**Tools/Devops**: Git, GitHub , Docker, Postman

## Achievements & Leadership

**Competitive Programming & Hackathons** <div align="right">2023 – Present</div>

*Participant & Contributor* <div align="right">*Various Platforms*</div>

- Ranked among Top 10 teams in ZS Campus Beats, selected from 2,000+ national entries
- Ranked in the Top 20 contributors in ACWOC, an open-source competition with 500+ participants
- Led a 4-member team to secure 5th position in MERNXAI Hackathon hosted by the MERN Club at VIT Bhopal
- National Semi-Finalist of Flipkart Grid competition with 20,000+ participants, qualifying through rigorous technical screening rounds