



TEJAS GULATI
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BRIEF SUMMARY

I am a passionate web development and DSA coding enthusiast with a strong background in Django, React, AI/ML, and cloud technologies. Currently pursuing B.Tech in Information Technology at MAIT, GGSIPU with a CGPA of 9.195/10, I've developed impactful projects like GrameenLink, MetaCorp, NewsSphere, EcoPulse, and SkillBridge. As a Full Stack Web Development intern at Cinntra InfoTech, I've gained hands-on experience developing and deploying web applications, integrating RESTful APIs, managing background tasks, and implementing DevOps practices, achieving significant efficiency improvements across operations. My technical expertise includes Python, JavaScript, Django, React, TensorFlow, Docker, and PostgreSQL, along with skills in data preprocessing, web scraping, and API integration. Through numerous hackathons including the GDG on Campus Solution Challenge India and Accenture Innovation Challenge, I've honed my problem-solving abilities, even reaching the top 10 among 250+ teams in the CSI-INNOWAVE CODE GENESIS Hackathon with finals at Microsoft Office, Gurgaon. My projects showcase my capabilities:

NewsSphere: A news aggregation platform with scheduled scraping and analytics dashboards
EcoPulse: AI-enhanced sustainability solutions with ESG compliance models
GrameenLink: Connecting rural communities with innovative digital solutions
MetaCorp: Enterprise-level solutions leveraging metadata and organizational intelligence

I aspire to leverage my technical expertise to drive innovation, create scalable products, and contribute to AI-powered transformation in industries. My goal is to work in a dynamic environment where I can build intelligent systems, enhance automation, and push the boundaries of AI-driven decision-making. I look forward to collaborating with organizations that value innovation, efficiency, and ethical AI, where I can grow professionally while making a tangible impact on technology and society.

KEY EXPERTISE

Python JavaScript Django React REST APIS TensorFlow Docker PostgreSQL MySQL Git
Web Scraping ML/AI Authentication Redis Data Preprocessing CI/CD

EDUCATION

Maharaja Agrasen Institute of Technology B.Tech. - Information Technology Percentage: 89.38 / 100	2022 - 2026
Bal Bharati Public School, Ganga Ram, North West Delhi 12 th CBSE Percentage: 92.60 / 100	2022
Bal Bharati Public School, Ganga Ram, New Delhi 10 th CBSE Percentage: 95.40 / 100	2020

INTERNSHIPS

Cinntra InfoTech Consultancy Full Stack Web Developer Key Skills: DevOps & CI/CD – Utilized Docker and CI/CD pipelines for deployment. RESTful API Development – Designed and integrated efficient APIs. Full-Stack Development – Built and deployed scalable web applications. Automation & Web Scraping – Implemented automation scripts for efficiency. Database Optimization – Managed and optimized relational & NoSQL databases. Developed and deployed full-stack web applications, enhancing efficiency and user experience. Designed RESTful APIs to streamline data exchange and authentication. Automated processes using web scraping, reducing manual effort. Leveraged DevOps practices like containerization and CI/CD for seamless deployment. Optimized databases for performance and scalability. Ensured code reliability through version control and testing methodologies.	15 Jul, 2024 - 14 Aug, 2024
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PROJECTS

GrameenLink

01 Jan, 2025 - 01 Mar, 2025

Mentor: Mr. Bhaskar Kapoor | Team Size: 1

Key Skills:

Frontend Development (React, Vite, Tailwind CSS)

AI & Machine Learning (Google Gemini AI)

API Development & Integration

System Architecture Design

Agile Development & Team Collaboration

Scalability & Performance Optimization

Problem-Solving & Innovation

Supply Chain & Logistics Optimization

Project Link:

https://grameen-link.vercel.app/

GrameenLink is a cutting-edge rural distribution platform designed to revolutionize last-mile delivery in India. It integrates AI-driven inventory optimization, blockchain transparency, and drone logistics to create an efficient, technology-powered supply chain for rural areas. As the founder and lead developer, I oversee frontend development using React (Vite) with Tailwind CSS and plan to expand with Django for backend services, Hyperledger for blockchain, and IoT tracking for real-time logistics. My objective is to build a scalable, transparent, and efficient rural commerce ecosystem, leveraging emerging technologies to empower small businesses, improve accessibility, and drive economic growth in underserved regions.

EcoPulse

01 Jun, 2024 - 01 Sep, 2024

Mentor: Mr. Bhaskar Kapoor | Team Size: 1

Key Skills:

Artificial Intelligence (AI) & Machine Learning (ML)

Natural Language Processing (NLP)

Generative AI

Sustainability & ESG Analytics

Data Science & Feature Engineering

Full-Stack Development

Data Visualization & UI/UX

Cloud & API Integration

Business Strategy & Decision Support

Project Link:

https://github.com/TejasGulati/EcoPulse

EcoPulse is an AI-driven Sustainability Intelligence Platform designed to revolutionize how businesses integrate AI with ESG performance. It leverages machine learning, NLP, and generative AI to provide predictive analytics, industry-specific sustainability insights, and AI-driven business model innovation. Companies often struggle to quantify AI's impact on sustainability, but EcoPulse addresses this gap with real-time environmental impact assessments and dynamic ESG forecasting.

The platform utilizes a Django backend with PostgreSQL for scalable data management, while the React frontend ensures intuitive user interaction. Powered by Gemini AI and custom ML models, it delivers advanced text and image generation for sustainability reporting. Uniquely, EcoPulse excels in analyzing unseen company data through robust transfer learning and feature engineering, ensuring accurate insights even without historical records.

EcoPulse democratizes sustainability intelligence by offering actionable, AI-driven recommendations, automated reporting, and interactive visualizations. Its adaptability makes it invaluable for startups, enterprises, and policymakers aiming to drive sustainable business transformation in an AI-powered future.

MetaCorp

01 Jun, 2024 - 01 Aug, 2024

Mentor: Mr. Bhaskar Kapoor | Team Size: 2

Key Skills:

AI/ML Development (Generative AI, Reinforcement Learning, Predictive Analytics)

Backend Development (Django, Django REST Framework, Celery, Redis)

Automation & Web Scraping – Implemented automation scripts for efficiency.

DevOps & CI/CD – Utilized Docker and CI/CD pipelines for deployment.

Database Optimization – Managed and optimized relational & NoSQL databases.

Version Control & Testing – Used Git and unit testing for code reliability.

Project Link:

https://github.com/TejasGulati/METACOR

MetaCorp: The Multiverse Business Simulator is an AI-powered platform that helps businesses predict the long-term impact of strategic decisions. Using AI-driven simulations, reinforcement learning, and predictive analytics, it creates parallel business realities to optimize decision-making. I solely developed MetaCorp, leading AI/ML and backend development in Python (Django) while also contributing to the React (Vite) frontend. The system integrates Gemini AI to generate alternative scenarios, detect risks, and enhance strategies. With dynamic dashboards, multiverse outcome maps, and anomaly detection, MetaCorp revolutionizes business foresight, enabling companies to navigate complex market dynamics with confidence.

NewsSphere

01 Feb, 2022 - 01 Apr, 2023

Mentor: Mr. Bhaskar Kapoor | Team Size: 1

Key Skills:

- Backend Development (Django REST Framework)
- Task Queue Management (Celery & Redis)
- Database Management (MySQL)
- Frontend Development (Angular)
- Web Scraping & Data Processing
- Real-time Updates & Caching
- Security & Authentication
- API Integration

Project Link: <https://github.com/TejasGulati/NewsSphere>

NewsSphere is an AI-powered web application that aggregates, processes, and delivers news from diverse sources in real-time. It is built with Django REST Framework for the backend, Celery for task queue management, Redis as a message broker, MySQL for database management, and Angular for the frontend, ensuring high performance and scalability.

The platform automates news collection, categorization, and sentiment analysis using machine learning techniques. Celery and Redis facilitate background task processing, enabling real-time updates without overloading the server. Users can access curated news content based on topics, trends, or personalized preferences.

NewsSphere differentiates itself with AI-driven analytics, providing trending topic detection, fake news identification, and sentiment-based categorization. The interactive dashboard enhances user engagement by offering insights into breaking news, social trends, and geopolitical shifts.

Designed for journalists, researchers, and news enthusiasts, NewsSphere ensures a fast, secure, and dynamic user experience with automated content recommendations and real-time updates, redefining modern news consumption.

ACHIEVEMENTS

- Reached top 10 among 250+ teams in CSI-INNOWAVE CODE GENESIS Hackathon after 4 rounds of screening; finals held at Microsoft Office, Gurgaon
- Secured 3rd position in Evolve-x event organised by EDC X NSS where presented my GrameenLink Project

CO-CURRICULAR ACTIVITIES

- VolleyBall Inter department - IT- Secured 1st position

PERSONAL INTERESTS / HOBBIES

- Sports, Athletics

WEB LINKS

- Github - <https://github.com/TejasGulati/EcoPulse>
- Github - <https://github.com/TejasGulati/NewsSphere>
- Github - <https://github.com/TejasGulati/METACOR>
- Personal - <https://grameen-link.vercel.app/>

PERSONAL DETAILS

Gender: Male	Date of Birth: 20 Aug, 2004
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