

ANUSHA.B

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EXPERIENCE

Shooting Stars Foundation – IBM Datathon Student Leader

Remote · AUG 2025 – October 2025

- Managed team assignments and participant registration across colleges.
- Cleaned and standardized spreadsheet data; resolved formula errors and merged variants.
- Composed clear email and WhatsApp communications. Developed quizzes and content for STEM engagement.

Vulture Lines Pvt Ltd , Anna Nagar – Data Analyst Intern

FEB 2025 - MAR 2025

- Analyzed large datasets to identify trends and business insights.
- Created dashboards and reports to support decision-making.
- Cleaned and processed raw data for accuracy and efficiency.

Prodigy Infotech , Online – Machine Learning

FEB 2024 - MAR 2024

- Developed and implemented machine learning models to analyze large datasets.
- Extracted meaningful insights from data using machine learning techniques.

EDUCATION

DMI College of Engineering, Chennai — B.Tech(AI & DS)

2022 - 2026

Current CGPA: 8.77 / 10 (Till 5th Semester)

- Currently pursuing a degree Focusing on artificial intelligence, machine learning, deep learning, and data science technologies with hands-on projects across various domains

Sunshine Academy Matric Hr Sec School, Chennai

2021 - 2022

- Completed secondary education with a score of 78%.
- Gained a strong foundation in programming, algorithms, and

TECH SKILLS

- Python , C, C++
- Machine learning
- Deep Learning
- Cloud Platforms
- MLOps & Deployment
- Full Stack Development

SOFT SKILLS

- Leadership
- Creative thinking
- Interpersonal Skills

AI TOOLS

- Chatgpt
- Gemini
- TensorFlow / Keras
- Streamlit

CERTIFICATION

- **Forge** – BCG's job simulation
- **CognitiveClass** – IBM Cloud Essentials V3.
- **CognitiveClass** – Deep Learning Fundamentals
- **Turnip** – Entrepreneurship Awareness

computational concepts.

PROJECTS

Face Emotion Recognition — CNN & RNN

- Developed a deep learning model using Convolutional Neural Networks (CNNs) and Recurrent Neural Networks (RNNs) to recognize human emotions from facial expressions.

Gesture Recognition — LSTM

- Developed a deep learning model using LSTM networks to recognize hand gestures from video sequences for real-time interaction.

Employee Performance Dashboard — (React, Tailwind CSS and Supabase)

- A web-based HR analytics tool to track employee trends and insights.
- React builds the frontend, Tailwind CSS ensures a clean UI, and Supabase stores HR data.

Power Outage Prediction — (React, Tailwind CSS and Supabase)

- A web app that predicts power outages based on historical data.
- React builds the frontend, Tailwind CSS designs the interface, and Supabase stores & manages data.

Approval Management System — (React, Tailwind CSS and Supabase)

- A web-based system for handling approvals in an organization.
- React provides an intuitive UI, Tailwind CSS ensures responsiveness, and Supabase manages user data.

EduConnect — (React, TypeScript, Node.js, OpenAI and Supabase)

- A collaborative learning and tutoring platform connecting students and educators for real-time sessions and AI-powered Study tools
- React with TypeScript powers the UI; Node.js and Supabase handle backend and authentication.

SHEconomy — (React, TypeScript, Node.js, OpenAI and Supabase)

- Developed a multi-agent architecture (Budgeting, Investment, Health, Scheme Scanner, Job, Voice, SHE Rooms) coordinated by a Supervisor Agent, ensuring transparent and explainable AI recommendations.
- Implemented dynamic data flow & dashboards by joining user profiles with scheme databases, financial rules, and job/skill feeds, rendering actionable insights (save, apply, learn, join).

LANGUAGES

English, Telugu, Tamil.

ACHIEVEMENTS

🏆 1st Prize – Codeathon 3.0 Won ₹10,000 for developing an innovative solution during a national-level hackathon.

🏆 Winner – All India Women's Only Hackathon: Secured top 5 position among 700+ teams for developing an AI-powered financial empowerment platform for underserved women.

Research Publication – IJREAT Conference Journal authored and published a paper titled [TASTY LENS] in the proceedings of the International Conference on Emerging Engineering Trends (ICEET), [2025].

Research Publication – IJREAT Conference Journal authored and published a paper titled [AI-Driven fashion] in the proceedings of the International Conference on Emerging Engineering Trends (ICEET), [2025].

Research Publication – ICIRES Conference Journal authored and published a paper titled [Heal Fit] in the proceedings of the International Conference on Innovative Research in Engineering Sciences (ICIRES), [2025].

[FinEcho](#) — (React, TypeScript, Node.js and Supabase)

- A 3-tier AI investment platform offering portfolio insights, ESG scoring, voice assistant, and market analysis.
- React with TypeScript powers the UI; Node.js and Supabase handle backend and authentication.

[TastyLens-AR](#) — (React, Node.js, Ethereum, ARKit, MongoDB)

- An AR-based food identification and donation app using AI and blockchain for social impact.
- Gemini 1.5 Pro recommends food, Ethereum tracks donations, and ARKit/ARCore guides users to donation centers.

[Heal-Fit](#) — (React, TypeScript, Node.js, Supabase,)

- Built an AI-powered health assistant with features like mood tracking, mental wellness challenges, and scan-based diagnosis.
- Used Gemini 1.5 Pro for medical insights, Supabase for user data, and React with TypeScript for a responsive frontend.

[HR Analysis](#) — (Streamlit & Python)

- This project visualizes employee performance metrics in an interactive dashboard.
- It uses Streamlit for UI and Python for backend logic and data processing.

[SeaSync](#) — (React.js, TypeScript, Node.js, Express.js,

MongoDB, Docker)

- Built an AI-powered marine conservation platform with species recognition, rescue coordination, and real-time distress tracking.
- Developed **interactive dashboards** using React + Recharts and integrated weather, mapping, and image APIs.

[AI-Powered Stock Analyzer](#) — (Streamlit & Python)

- Built an interactive dashboard for real-time stock analysis using AI.
- Integrated 6-month trend charts, price alerts, company overviews, and key financial metrics.
- Leveraged Python APIs to fetch and process live market data efficiently.

[AgroMind](#) — (React, Scikit-Learn, OpenCV, FastAPI TypeScript, Node.js, Supabase,)

- Built an AI-powered platform for plant disease detection, crop recommendation, irrigation planning, and fertilizer guidance using ML models and real-time weather data.
- Designed a **responsive dashboard** with analytics on soil nutrients, crop recommendations, and irrigation needs, supported by an AI chatbot for quick farming guidance.