

# Gargi Sukhatankar

## Full-Stack Web Developer — AI/ML Integration

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### Summary

Full-stack developer with a focus on modern web stacks and AI/ML integration. Experienced in building intelligent, scalable web applications with seamless user experience and robust backend logic. Passionate about combining clean UI/UX with machine learning to deliver meaningful, data-driven solutions.

### Education

#### BTech in Computer Science & Engineering (IoT, Cybersecurity, Blockchain)

Dwarkadas J. Sanghvi College of Engineering

Nov 2022 – Present

CGPA: 9.35 / 10

#### Honours Degree in Smart Computing

Nov 2022 – Present

Focused on advanced computation and data-driven systems with interdisciplinary exposure to AIML and big data.

#### HSC (Science) – K. C. College

2020 – 2022

Score: 76.67%

#### SSC – Girton High School

2009 – 2020

Score: 94.20%

### Skills

- **Languages:** C, Python, Java, JavaScript
- **Frontend:** HTML, CSS, Tailwind CSS, React.js, Next.js
- **Backend:** Node.js, Express.js, Django
- **Databases:** MySQL, PostgreSQL, MongoDB Atlas, ChromaDB
- **AI/ML:** TensorFlow, Keras, FastAPI
- **Cloud:** AWS
- **UI/UX:** Figma
- **Version Control:** Git, GitHub

### Projects

#### Suggestique

*Next.js, Node.js, MongoDB Atlas, Tailwind CSS, Stripe, NextAuth, TensorFlow, FastAPI, ChromaDB*

Built an AI-powered e-commerce platform with secure user authentication using NextAuth for fashion recommendations. Users receive curated outfit suggestions based on inputs like gender, country, formality, and occasion. Integrated a machine learning model using TensorFlow served via FastAPI, with embeddings stored in ChromaDB for fast vector-based retrieval. Stripe API enabled secure payments. Designed responsive UI in Tailwind CSS with robust backend logic in Node.js, ensuring both performance and personalization.

**GitHub:** [github.com/gargiiii18/Suggestique](https://github.com/gargiiii18/Suggestique)

#### IPL Auction Game

*React.js, Node.js, Express.js, PostgreSQL*

Simulated IPL-style player auction game with real-time bidding and team management. Developed a RESTful backend with Node.js and Express to manage auction states, player data, and bidding logic. PostgreSQL handled structured data including player stats and team balance. The front end used React to create a responsive, dynamic bidding UI with team budget validations.

**GitHub:** [github.com/gargiiii18/ipl-auction](https://github.com/gargiiii18/ipl-auction)

#### Weatherman Bruce

*Next.js*

The Batman-themed Weather Agent Chat Interface was designed with a sleek, mobile-first responsive layout. Built using Next.js, it simulates a natural chat experience between the user and a weather assistant, powered by a streaming weather API. The project emphasizes real-time interactivity, immersive UI/UX, and a unique thematic experience inspired by the Dark Knight.

**Live Link:** <https://weather-man-bruce.vercel.app/> **GitHub:** <https://github.com/gargiiii18/weatherMan-Bruce>

#### Plant Disease Prediction System

*Python, TensorFlow, Keras, Streamlit*

Web-based application that uses a CNN model to detect plant diseases from leaf images. Trained on a dataset with high class diversity, achieving strong validation accuracy. Integrated with a Streamlit front end allowing farmers to upload images and receive instant diagnosis. Future-ready for integration with mobile apps and SMS-based alerts.

**GitHub:** <https://github.com/gargiiii18/plant-disease-prediction-system>

### Other Activities

#### Participant, MumbaiHacks 2024

Oct 2024

Collaborated in a 24-hour hackathon to design and prototype innovative tech solutions.

#### Participant, Smart India Hackathon (SIH) 2024

Sept 2024

Worked on real-world problem statements with a focus on scalable and impactful solutions.

#### Artist, DJS Beats

Nov 2023 – Aug 2024

Performed and contributed to cultural events as part of the college music committee.

#### Frontend Mentee, DJS Buildspace

Oct 2023 – Aug 2024

Gained mentorship in frontend development practices and contributed to team projects.