

# HITANSHU GALA

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## CAREER OBJECTIVE

Tech-focused professional with expertise in creating innovative solutions that align with circular economy principles. Demonstrates ability to take on bold challenges, collaborate effectively in teams, maintain high professional standards, and prioritize user needs in all projects. Passionate about developing systems that maximize value circulation and sustainability.

## EDUCATION

**B.Tech in Information Technology** May 2027  
SVKM's Dwarkadas Jivanlal Sanghvi College of Engineering 8.5 CGPA

## PERSONAL PROJECTS

**Stock Analyzer (Multi-Agent Gen-AI)** | Python, Crew-AI, Gemini, Alpha Vantage, JavaScript GitHub

- Assembled a multi-agent stock analysis system with **6 AI agents**, specializing in financial data collection, fundamental & technical analysis, sentiment evaluation and price forecasting.
- Designed a responsive React-based web interface, integrating TradingView for **real-time visualization of 50+ stock indicators**.
- Leveraged predictive modeling techniques using sentiment analysis and technical indicators.
- Enhanced decision-making efficiency by **30%**, reduced analysis time by **50%**, and achieved amazing accuracy in short-term stock price predictions.

**Medical Information Chatbot** | RAG, LangChain, Gemini, Pinecone GitHub

- Developed a chatbot that extracts insights from a **700-page medical knowledge base** using **RAG-based retrieval**.
- Integrated **Pinecone vector database** for efficient search and **Gemini AI** for natural language understanding, handling **500+ medical queries**.
- Built a **modern, interactive web UI** for seamless user interaction with **sub-2-second response times**.
- Improved accessibility by providing structured medical information with **98% accuracy in retrieval**.

**BookShelf-API** | Go, Gorilla Mux, JSON, RESTful API, MySQL GitHub

- Developed a **RESTful API** capable of handling **1,000+ requests per second**, ensuring efficient book management with minimal latency.
- Achieved a **30% reduction in data processing time** through optimized **JSON serialization and deserialization**, enhancing client-server communication.
- Designed a **modular architecture** that reduced code redundancy by **40%**, improving maintainability and scalability while implementing **industry-standard security practices**.

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Python, GO, Java, JavaScript, HTML, CSS, SQL

**Libraries & Frameworks:** ReactJS, Express, Node.js, Flask, Flutter, NumPy, Pandas, TensorFlow, NLTK, Spacy, PyTorch, Matplotlib, BeautifulSoup, Scikit-Learn, TailwindCSS, Streamlit

**Tools & Platforms:** Autocad, Git, GitHub, Figma, VS Code, Jupyter Notebook, MongoDB, Firebase, Docker, Google Cloud Platform

## CO-CURRICULARS

**DJS-S4DS (Society For Data Science)** | Technical Co-Committee 2024-Present

- Developed the website for **DataHack 3.0**, a prominent Datathon, which garnered **1300+ registrations** and received **40,000+ views**, driving significant engagement and participation
- Engineered user registration processes and refined database integrations within a cross-functional team, resulting in seamless data processing that supported 1,300+ registrations for the DataHack 3.0 event without technical issues.

## ACHIEVEMENTS

**Hackniche 3.0 2025 DJSCE, Mumbai** - Finalist (Top 30 out of 500 teams). Developed an e-commerce solution with a recommendation system, RAG chatbot, visual search, and NLP techniques.

**Cyber-Cypher 4.0 2025-NMIMS, Mumbai** - Finalist (Top 30 out of 300 teams). Led the development of Startup Assistant, leveraging Generative AI to support startup founders.

**Case Study Competition 2025, IIT Bombay** - Secured 3rd position in a National-level Case Study Competition organized by IIC, IIT Bombay, showcasing innovative solutions to diverse problems.