

Vartika Shah

📍 Greater Noida • 📞 +91 6397192313 • ✉️ vartikashah27@gmail.com

<https://www.linkedin.com/in/vartika-shah-297768254/> | <https://github.com/vartikashah018>

Motivated and detail-oriented Information Technology undergraduate with hands-on experience in full-stack development, data analysis, and AI-driven projects. Proficient in JavaScript, Python, and SQL, with practical exposure to React.js, Node.js, Flask, and OpenCV. Eager to contribute to agile software development teams by building scalable, user-focused applications and continuously expanding technical expertise.

Education

DIT UNIVERSITY, Dehradun	2021-2025
B. TECH In Information Technology CGPA: 7.44	
GLOBAL INDIAN INTERNATIONAL SCHOOL, Noida	2021
12th PCM CBSE 60.8%	
PRACHIN GLOBAL SCHOOL, Telangana	2019
10th CBSE 70.4%	

Experience

Data Analytics and Visualization Job Simulation – Accenture Virtual (Forage) | May 2024 – June 2024

- Completed tasks in project understanding, data cleaning & modeling, data visualization, and client storytelling.
- Program guided by Caroline Dudley (Managing Director, NA Recruiting) & Tom Brunskill (CEO, Forage).

Skills

Languages: Java, Python, JavaScript, SQL | **Frontend:** HTML, CSS, React.js, Bootstrap | **Backend & APIs:** Node.js, Flask, Express.js, RESTful APIs | **Databases:** MongoDB, MySQL | **AI & CV:** OpenCV, Hugging Face Transformers, NumPy, Pandas | **Tools:** Git, GitHub, VS Code, PyCharm | **Testing:** Manual Testing, Bug Reporting, Test Case Design | **Concepts:** OOP, SDLC, Agile, Cybersecurity

Projects

Stock Price Prediction App | <https://github.com/vartikashah018/stock-predictor-app>

Developed a Streamlit-based ML app using LSTM to forecast stock prices with real-time data via Yahoo Finance API. Features include user authentication, interactive charts, and buy/sell indicators.

Tech Stack: Python, TensorFlow, Streamlit, scikit-learn, pandas, Plotly

Sky-Sage – AI Chatbot | <https://github.com/vartikashah018/Sky-Sage-Astrology-AI-Chatbot>

Developed an astrology chatbot using Flask, GPT-2, and Hugging Face for personalized horoscopes and tarot readings. Integrated real-time interaction, animations, and responsive UI.

Tech Stack: Python, Flask, Hugging Face Transformers, GPT-2, HTML/CSS/JS, OpenCV

SocialeX – MERN Social App | <https://github.com/vartikashah018/Social-media-app-MERN>

Built a full-stack social media platform with real-time messaging, stories, and secure JWT auth. Integrated Socket.io for live chat and Firebase for media storage.

Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.io, Firebase, JWT, Bcrypt, Bootstrap

Certifications

Infosys Springboard: Applied Generative AI Professional

IBM: Data Science Orientation, Introduction to Cloud Computing, DevOps, HTML/CSS/JavaScript, Git & GitHub

Coursera: React Native, Cloud Computing Basics, Software Engineering, Advanced Java, intro to IOT & embedded systems

Microsoft: Preparing Data for Analysis with Excel

Cisco: Introduction to Cybersecurity

Activities

Tech for Social Good & Environmental Sustainability

Literature & Creative Writing

Digital Art & UI/UX Exploration

Yoga & Mindfulness

Data-Driven Travel Planning & Cultural Exploration