DHAIRYA SONDHI

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EDUCATION

SVKM's NMIMS Deemed-to-be University   **2022-2026**
BTech. in Computer Science (Data Science): CGPA 2.92 /4

Non-Med CBSE: 70%   **2021-2022**
10th Standard CBSE: 80.2%   **2019-2020**

TECHNICAL SKILLS

Languages: Java, Python, R, HTML/CSS, JavaScript
Frameworks: React.js, Next.js, Three.js, Flask, Node.js, SpringBoot, Vue.js
Developer Tools: Figma, Blender, Git, GitHub, VS Code, Jupyter, RStudio, Android Studio, Cursor, AWS Cloud Services, Google Cloud, Framer
Database: MySQL, PostgreSQL, MongoDB
Data Science: Machine Learning, Deep Learning (Scikit Learn, TensorFlow, Keras, NumPy, Pandas), MS Excel, and Power BI.

EXPERIENCE

Web Development Intern │ UCule Computing   **May 2024 - July 2024**

- Developed enterprise applications for the healthcare sector using Java, Spring, and Oracle, ensuring robust backend functionality and database management.
- Built responsive and user-friendly interfaces with React and UX/UI principles, improving user experience and accessibility.
- Designed and implemented RESTful services to facilitate seamless communication between frontend and backend systems.

PROJECTS

"Project DAAM" (Decentralized Autonomous Asset Manager) │ Python, Llama 3, Sepolia , Gemini API, Langchain

- Engineered an autonomous AI agent with Python, LangChain, and Llama 3 (Ollama) to perform valuation and decision-making, eliminating external API costs.
- Designed a zero-cost workflow using blockchain testnets and open-source LLMs, ensuring scalable and capital-efficient development.
- Demonstrated expertise in AI–Blockchain integration, showcasing advanced skills in Web3 systems and AI-driven product development.

Real-Time Indian Stock Sentiment–Price Tracker, Python, NLP, ta-lib, Streamlit, Redis

- Built a real-time stock tracker for NSE/BSE integrating FinBERT/IndicBERT sentiment from English/Hindi tweets and technical indicators (SMA/EMA, RSI, MACD, volume) via ta-lib.
- Deployed an interactive Streamlit dashboard delivering automated buy/sell signals on NIFTY50, powered by live data streaming and Redis backend.

Real-Time Collaborative IDE │ React, Node.js, Socket.io, Y.js, Docker, AWS, Supabase, Vercel, Render

- Developed a real-time collaborative IDE using React, Node.js, Socket.io, Y.js, and Supabase with multi-user editing, live cursors, and room-based code persistence.
- Integrated serverless code execution for Python, C++, and JavaScript via AWS Lambda containers, enabling input handling, execution limits, and structured outputs.
- Implemented production-grade features including strict CORS/CSP, env-based configuration, health checks, logging, and automated deployments on Vercel and Render.

CERTFICATES AND ACHIEVEMENTS

- The Complete Full-Stack Web Development Bootcamp - Udemy
- Gen AI by BCG – Forage
- Quantitative Research by JPMorgan Chase & Co. – Forage
- Excel Skills for Business Specialization by MACQUARIE University – Coursera
- Data Analytics with Python by IBM - Coursera
- AWS Academy Graduate Certification, Amazon Web Services (AWS)