

Namish Sharma

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SKILLS

- **Languages:** Java, Python, JavaScript, S Q L
- **Frameworks:** HTML, CSS, NumPy, Pandas, Matplotlib, Scikit-Learn, LangChain, Node.js, React, Express.js
- **Tools/Platforms:** Docker & Containerization, Google Cloud Platform (GCP), Linux, MongoDB
- **Others:** Data Structure & Algorithm, System Design
- **Soft Skills:** Leadership, Problem-Solving, Teamwork & Collaboration, Consistent, Time Management

PROJECTS

- **Prescripto – Full Stack Healthcare Scheduling and Appointment System | GitHub** Oct 2025 - Nov 2025
 - Designed role-based healthcare SPA supporting 3 user types (patient/doctor/admin) with JWT auth, MongoDB, and Razorpay payment integration; eliminated manual booking workflows entirely.
 - Built end-to-end appointment lifecycle from real-time slot allocation through payment verification, featuring conflict detection and status tracking across responsive React frontend and Node.js REST API.
 - Implemented secure credential management using bcrypt hashing, RBAC middleware, and Cloudinary CDN for media assets; orchestrated multi-tenant architecture with Context API state management.**Tech:** React 19, Axios, TailwindCSS, Node.js, Express.js, MongoDB, JWT, Razorpay SDK, Cloudinary API, Multer
- **RAG Document QA System – Intelligent Document Retrieval & Q-A Engine | GitHub** Sept 2025 – Oct 2025
 - Engineered RAG pipeline processing 200MB+ documents with ChromaDB vector store, HuggingFace embeddings and LangChain LCEL chain integrating Google Gemini 2.5 for semantic retrieval and source-attributed responses.
 - Built batch embedding processor with RecursiveCharacterTextSplitter semantic chunking and deployed Streamlit interface featuring conversational chat, session state management, top-k similarity search.**Tech:** LangChain, ChromaDB, HuggingFace Embeddings (sentence-transformers), Google Gemini API, Streamlit, PyPDF2, python-docx, LCEL, RecursiveCharacterTextSplitter,
- **GlobalStockPulse – AI powered Stock Market Analyzer | GitHub** Jun 2025 – July 2025
 - Engineered a full-stack AI-driven stock platform with real-time multi-market analysis (US, EU, APAC), technical indicators, and sentiment insights.
 - Developed AI advisor using Gemini API with advanced scoring on 11 technical metrics for precise risk-reward analysis and high reliability with intelligent fallback analysis ensuring 99% uptime.
 - Built a financial analytics platform aggregating real-time news from 7 sources using TextBlob NLP, sentiment scoring, and deduplication; integrated stock comparison with risk-adjusted returns, technical indicators (RSI, MACD, Bollinger Bands), and interactive visualizations.**Tech:** Python, Streamlit, Plotly, NumPy, Pandas, TextBlob, yFinance, Gemini 2.5, Requests, BeautifulSoup, Alpha Vantage, Finnhub, MarketAux, NewsAPI

TRAINING

- **AI-Powered NLP | AlgoTutor | Certificate** June 2025 – Aug 2025
 - Completed hands-on training in agentic AI and RAG, building projects including an AI Shopping Agent, a RAG-powered PDF Q&A System, and an AI Stock Market Analyzer.
 - Gained practical experience with Model Context Protocol (MCP) and real-time communication systems across end-to-end AI pipelines.**Tech Stack:** Python, API, LangChain, LangGraph, RAG, Embeddings, Vector Databases

CERTIFICATES

- Gen AI Professional | Oracle | [Certificate](#) Sept 2025
- Data Structures and Algorithms | Udemy (GFG) | [Certificate](#) Jul 2025
- Business Data Cloud | SAP | [Certificate](#) Jul 2025

ACHIEVEMENTS

- Spearheaded marketing strategies as Head of Marketing at SML (Society for Management Learning), boosting event participation by 30–35%.
- Recognized as Best Delegate at BITS Pilani MUN 2025 for outstanding diplomacy and negotiation skills.
- Received Certificate of Appreciation from SAP for successfully leading iTech Hackfest 2025 as Student Head.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.39 Since August 2023
- **Lady Anusuiya Singhanian Education Centre** Jhalawar, Rajasthan
Intermediate; Percentage: 89.6% April 2022 - March 2023
- **Lady Anusuiya Singhanian Education Centre** Jhalawar, Rajasthan
Matriculation; Percentage: 90.2% April 2020 - March 2021