Yashika Jain

[LinkedIn] yashikajain2004@gmail.com
+91-8767961603

EDUCATION

Degree	Institute	CGPA	Year
B.Tech/**Computer Science Engineering**	Shri Ramdeobaba College of Eng. & Mgmt.	**8.7**	2026
Senior Secondary/**12th**	Centre Point	**89.4%**	2022
Secondary/**10th**	Mount Carmel School	**90.0%**	2020

EXPERIENCE

- **Techwalnut** *July 2024 - Present*
  AI Intern
  – Built an AI inventory system using **Python & TensorFlow**, improving accuracy by 15%.
  – Automated inventory updates with IoT sensors, **reducing manual work by 10%.**
  – **Developed ML models** with Scikit-Learn for demand prediction, cutting inventory waste by 12%.
  – Enhanced system scalability by 10% for smoother deployment.

- **Zscaler** *Jan 2024 – June 2024*
  AI Intern
  – Built threat detection models using **Random Forest in Python.**
  – Developed **NLP-based log analysis with BERT** to detect security anomalies.
  – Optimized feature engineering using **Pandas & NumPy** for better model accuracy.
  – Analyzed large security datasets to improve attack pattern recognition.

- **Licksters** *Jan 2023 - September 2023*
  Strategy Intern
  – Conducted market research to **identify trends** in the premium fruit popsicle segment.
  – Spearheaded rebranding, **boosting visibility by 10%.**
  – Developed marketing campaigns,**increasing engagement by 14%.**

PROJECTS

- **AskYashika AI Agent**
  – Built an AI agent using **LangChain, FAISS, and Sentence Transformers** for profile-based QA.
  – Integrated **RAG pipeline with HuggingFace embeddings** for context-aware responses.
  – Optimized **local LLM (CTransformers)** with token limits and **adaptive chunking** for efficient queries.

- **AI-Based Stock Price Predictor**
  – Developed a web app using **sentiment analysis** and **ML for stock predictions.**
  – Integrated **LLMs** to analyze news and social media for trend forecasting.
  – Automated real-time data collection **via scraping and APIs.**

- **Early Detection of Stroke**
  – Developed a comprehensive stroke prediction system using multiple **ML algorithms.**
  – Implemented data preprocessing and exploratory analysis techniques to optimize model performance.

SKILLS & CERTIFICATIONS

- **Tools:Excel, OpenAI, AWS, Postman, Tableau, PowerBI,Langchain**
- **Programming: Java, Node.js,Python,TensorFlow,ScikitLearn, SQL, React.js, HTML, CSS, JS**
- **Introduction to Generative AI** certificate by **Duke University**
- **Managing Big Data with MySQL** certificate by **Duke University**
- **Aws Computing** certificate by **AWS academy**

ACHIEVEMENTS AND ROLES

- **Vice President,**Red Ribbon Club of RCOEM
  –Organized community drives, like blood donation camps, benefiting 200+ people.
  –Secured sponsorships to support initiatives.

- **Member,**Rotaract Club of RCOEM
  –Led social drives for community welfare
  –Helped 300+Patients during Covid, planted 250+ trees and conducted self defence training for 700+ girls.

- **Member,**Data Science Association (DASCA))
  –Managed event planning, logistics, and promotions for high engagement.
  –Led initiatives to promote data literacy and student networking.