

JASMINE GARG

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OBJECTIVE

Highly motivated Computer Science student with a good academic background and problem solving skills with a passion for Software Engineering and Artificial Intelligence And Data Structures And Algorithms.

EDUCATION

B.E/B.Tech in Computer Science, Thapar Institute of Engineering and Technology 2022-Present
Relevant Coursework: Artificial Intelligence, Data Structures And Algorithms, Data Analysis and Algorithms, Database Management.
CGPA: 9.81/10

INTERMEDIATE/+2 in PCM, Modern Vidya Niketan 2020 - 2022
PERCENTAGE: 95.6%

MATRICULATION, Modern Vidya Niketan 2013 - 2020
PERCENTAGE: 96%

SKILLS

Programming Languages	C, C++, SQL, Python ,javascript
Technologies & Frameworks	HTML, CSS, MERN, TailwindCSS, Django, Flask, Streamlit, AI tools, Pycharm, Jupyter Notebooks, CONDA environments, AWS, Vercel, Git, Github, Langchain
AI/ML Concepts	Machine Learning, Deep Learning, Natural Language Processing, Neural Networks, Predictive Analysis, Computer Vision, Data Science, Langchain
Soft Skills	Analytical Thinking, Problem Solving, Attention to Detail, Communication, Collaboration, Time Management
Domain Knowledge	Data Structures and Algorithms, ML/AI, DBMS

EXPERIENCE

Upcoming SWE Intern at Google June 2025
GOOGLE

- **Interview Experience:** Went through a rigorous selection process from the scratch showcasing my projects, problem solving ability and analytical skills.

Data Scientist Intern June 2024 - Present
SCOREME SOLUTIONS PRIVATE LIMITED *SCOREME*

- **Advanced Data Analytics and Product Development:** Gained hands-on experience with advanced data analytics tools and techniques, including machine learning and predictive modeling.
- **Solved real-world financial problems and Extracted actionable insights:** Developed a captcha automation model, improving data quality and reducing processing time by 30%.

Tech Member, Developer Sept 2022 - Present
BACKSLASH COMPUTING SOCIETY

- Designed, debugged, and monitored full stack websites integrating APIs, AI chatbots. Tackled challenges like website traffic handling , security breach, minimizing cost of development.
- Collaborated and networked with other professionals, peers. Interviewed and mentored juniors and enhanced skills like teamwork, time management, communication skills, leadership qualities. Improved the community.

PROJECTS

ALL PROJECTS

C++ PROJECTS

- AI AND MULTIPLAYER CLASSIC PONG GAME FROM SCRATCH
- Text Editor Using C++
- Airline Reservation System Using C++ AND MySQL
- AI TIC-TAC-TOE GAME
- Virtual Painter using C++ And OPENCV
- Document Scanner using C++ And OpenCV
- License Plate Detector and Scanner using C++ AND OPENCV

AI/ML Projects

- YouTube Comment Summarizer
- Captcha Automation Model
- Digital Soil Mapping using R
- Image Recognition using Neural Networks
- Handwritten Digit Prediction using KNN
- Face Recognition Attendance System
- Simple AI Chatbot.
- Music Recommender System
- Weather Prediction System
- Data Compression Algorithms

Price Comparison Platform

- Developed a robust web application using the MERN (MongoDB, Express.js, React, Node.js) stack.
- Enabled users to compare prices and reviews of products across websites.
- Achieved an average 30 Percent reduction in purchase time for users.
- Admin functionality allowed management of 500+ products and 1,000+ user profiles.
- Also provides Admin access to add, edit and delete products and view, modify user information.
- Proper software design and diagrams for representation and an SRS.

Society Management System

- Implemented a Python-based system for 20 residential societies.
- Centralized access control and maintenance tasks for 2,000+ residents.