

# KALASH JAIN

## TECH ENTHUSIAST & PASSIONATE LEARNER

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### SUMMARY

Dedicated and highly versatile B.Tech student in Artificial Intelligence & Data Science with a perfect CGPA of 9.95. Excited to contribute to organisation mission of fostering diversity in technology through innovative projects and impactful solutions. Proficient in bridging the gap between complex technical solutions and strategic business objectives, consistently delivering measurable results. Skilled in process optimization, market trend analysis, and leading innovative projects. Thrive in collaborative environments, fostering out-of-the-box thinking to solve complex challenges.

### EDUCATION

#### DWARKADAS JIVANLAL SANGHVI COLLEGE OF ENGINEERING

2023 - 2027

B.Tech in Artificial Intelligence & Data Science with Honors in Computational Biology  
CGPA : 9.95

#### PACE JUNIOR SCIENCE COLLEGE

2021 - 2023

Higher Secondary Certificate  
Aggrergrate : 86%

#### ST.FRANCIS HIGH SCHOOL

2008 - 2021

Secondary School Certificate  
Aggregrate : 97.60%

### EXPERIENCE

#### K2S2 Digistrat Solution Pvt. Ltd

May 2025 - PRESENT

AI/ML Intern

Mumbai

- Working on an AI-powered image processing and RPA project, focusing on real-world problem-solving using machine learning techniques.
- Assisting in model development, data preprocessing, and evaluation using tools like Python, OpenCV, and TensorFlow.
- Collaborating with a team to explore innovative AI/ML solutions.
- Gaining hands-on experience in building intelligent systems in a hybrid work environment.

#### NeuraMindsAI

January 2025 - PRESENT

CEO & CO-FOUNDER & AI/ML ENGINEER

Mumbai

- Developing AI-driven chatbot solutions and automation tools to enhance business efficiency.
- Specializing in NLP, computer vision, and cloud-based AI integration across industries.

#### SIMPPL, MIT USA

December 2024 - PRESENT

RESEARCH FELLOW

- Conducting AI/ML research under the mentorship of an MIT researcher, developing innovative solutions for real-world applications.
- Gaining hands-on experience in advanced AI methodologies, data analysis, and research contributions.

### PROJECTS

#### 1. Insights360: Customer Behavior Analysis Model

- Designed a machine learning model to predict customer behavior by analyzing purchase patterns and preferences, enabling businesses to optimize their sales strategies.
- Features** : User segmentation, predictive modeling, and personalized marketing insights.

#### 2. CryptEmoji: Emoji-Based Encryption and Decryption System

- Developed an innovative encryption system using emojis as a medium for secure message encoding, ensuring fun and safe communication.
- Features** : Custom emoji encryption algorithm, secure decryption, user-friendly interface for seamless encryption.

3. **EcoWatt: Energy Consumption Analysis and Forecasting**

- Built an energy consumption forecasting model to analyze historical energy usage and predict future trends for better resource management.
- **Features** : Time series analysis, energy trend forecasting, and country-wise data visualization from 1965 to 2023.

4. **OptiPrice: Advanced Option Pricing and Analysis Tool**

- Created a comprehensive platform for calculating option prices and analyzing option Greeks using financial models such as Black-Scholes.
- **Features** : Real-time calculation of call/put prices, visualization of option Greeks, and interactive graphs including candlestick charts.

5. **StockSense: Stock Prediction Model**

- Developed an model for predicting stock prices using historical data and machine learning techniques to assist investors in making informed decisions and Achieved 90% prediction accuracy on test data.
- **Features** : Stock price prediction and real-time data integration for personalized stock alerts.

6. **FinGPT: AI-Based Personal Finance GPT**

- Created a personal finance AI assistant to offer personalized budget planning, expense tracking, and financial advice.
- **Features** : Budget monitoring, AI-powered financial advice, expense categorization, and stock market integration.

7. **EventEase: Event Planning and Management System**

- Developed a event management system to streamline the organization and coordination of events with integrated task tracking, budgeting, and guest management features.
- **Features** : Event scheduling, budgeting tool, guest list management, and real-time notifications.

**KEY ACHIEVEMENTS**

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- GOLD MEDALIST IN INTERNATIONAL MATHEMATICS OLYMPIAD (IMO-SOF)
- CERTIFICATION IN DR.HOMI BHABHA BALVAIDYANIK COMPETITION
- WINNER IN ALL INDIA SWACHH BHARAT ART COMPETITION
- GOLD MEDALIST IN KALGAURAV AWARD BY NATIONAL INSTITUTE
- WINNER IN MOZILLA INNOVATION CHALLENGE ORGANISED BY SIMPPL AND MOZILLA

**SKILLS**

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- **Programming** : Python, C , C++, Java, HTML
- **Machine Learning** : Data Cleaning, Visualization, Time Series Analysis, Feature Engineering, Model Evaluation
- **Frameworks & Libraries** : TensorFlow, PyTorch, Scikit-learn, XGBoost, LightGBM, Transformers, OpenCV, Keras, FastAPI, FAISS
- **Tools & Technologies** : GitHub, Google Colab, Microsoft Office, MySQL, NoSQL, Streamlit
- **Soft Skills** : Collaboration, Leadership, Problem Solving, Analytical Thinking, Communication
- **Other Skills** : Data Structures , Video & Image Editing , Prompt Engineering
- **Languages**: English, Hindi, Gujarati, Marathi