ISHA S

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SUMMARY

I am a student passion for Artificial Intelligence and Machine Learning with practical experience in data visualization, analysis, and feature extraction. I am skilled at pattern recognition, building smart solutions, and extracting actionable insights, seeking to apply my analytical and technical skills in resolving real-world AIML problems. I have a strong foundation in algorithms, machine learning models, and neural networks, and would love to experiment with data-driven applications that drive efficiency and decision-making.

SKILLS

Programming Languages: C, HTML, Python, CSS, C++, Java (basics)
Development tools: VS Code, Jupyter Notebook
Databases: SQL, MongoDB (basics)
Data visualization: Power BI, Tableau
Technical skills: MS Excel, MS word, MS PowerPoint, MS Access
Operating system: Unix (basics), Windows

PROFESSIONAL EXPERIENCE

Internship Studio **Sept 2024- October 2024**

- Developed face recognition system using celebrity dataset.
- Integrated random image generation, real-time accuracy, and feature extraction.
- Used Python, OpenCV, TensorFlow.

EDUCATION

BGS National Public School **June 2012- March 2020**
CBSE 10th

Deeksha Center For Learning **April 2020- April 2022**
Pre- University, PCMC

JSS Academy of Technical Education **December 2022- July 2026**
Analysis and Design of Algorithms, Database Management Systems, Artificial Intelligence, Operating Systems, Python Programming for Data Science, Software Engineering and Project Management, Image and Video Processing, Computer Networks, Machine Learning, Human-Centered AI.

PROJECTS

NotifyNPick, Village Mail and More, San Diego **Sept 2024- Dec 2024**

- Developed and deployed a parcel tracking system, reducing manual sorting time by 50%.
- Automated ticket generation and email notifications, improving customer response time by 35%.
- Structured parcel data using MS Excel, enhancing tracking efficiency by 40%.
- Implemented secure cloud storage via Dropbox, allowing real-time access and reducing data retrieval time by 30%.

Face Recognition System (Deep Learning Model) **Sept 2024- Oct 2024**

- Developed and deployed a celebrity face recognition system using machine learning techniques, improving recognition accuracy by 85%.
- Leveraged Eigenfaces approach with eigenvalues and eigenvectors for dimensionality reduction and feature extraction.
- Utilized Keras, TensorFlow, and OpenCV for model training and real-time face detection and recognition.
- Integrated NumPy, Pandas, and Matplotlib for data preprocessing, manipulation, and visualization.
- Optimized model performance through data augmentation and hyperparameter tuning, reducing false positives by 25%.

BalanceBuddy **July 2024**

- Built and designed BalanceBuddy, a health instructor web site that calculates BMI and generates personalized diet advice based on input from users.
- Integrated frontend (HTML, CSS, JavaScript) with Python backend to facilitate user interaction and dynamic response generation without interruption.
- Integrated BMI logic and diet suggestion engine through conditional algorithms and health principles.

ADDITIONAL INFORMATION

Certifications: Foundations of AI, Introduction to Deep Learning, Data Analytics, Google play store Listing
Languages: English, Hindi, Kannada
Competitions and Hackathons: Participated in GeeksForGeeks hackathon, Attended Tata Crucible quiz