

# Hasshya Krishnamoorthy

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🌐 LinkedIn    🐙 GitHub    📁 Portfolio

## Education

**BE in Computer Science and Engineering with specialization in AIML**    Chandigarh University, Punjab  
2022 – 2026    **CGPA:** 7.46

**Higher Secondary (12th)**    Reliance Foundation School, Mumbai  
2020 – 2022    **Percentage:** 86%

**Secondary School (10th)**    St. Joseph's Convent School, Mumbai  
2018 – 2020    **Percentage:** 94%

## Projects

**Real-Time Object Detection Using YOLO-N**    *March 2025*  
Developed a sophisticated **real-time scene understanding** application by integrating the **YOLOv8** object detection model trained on the extensive **COCO dataset** with scene graph generation capabilities informed by the **Visual Genome dataset**, enabling detailed, real-time analysis of visual relationships and attributes within complex scenes from live video feeds.

**British Airlines Review, Tableau**    *Dec 2024*  
Built a live dashboard using **Tableau** to carry out **Data Analytics** on reviews of British Airlines

**Amazon Clone-HTML, CSS, JavaScript**    *Oct 2024*  
Developed a responsive e-commerce website using **HTML**, **CSS**, and **JavaScript** to deliver a seamless shopping experience. Implemented features such as product search, shopping cart, and secure checkout process.

**Personal Portfolio-HTML, CSS, JavaScript**    *Jul 2024*  
Designed and deployed a modern, interactive **portfolio website** showcasing my skills, projects, and achievements. Used **responsive design** principles for cross-platform compatibility.

**Automated Plant Disease Detection-Tensorflow**    *Feb 2024*  
Built a neural network using **TensorFlow** for plant disease classification, implementing **convolutional neural networks (CNNs)** to classify leaf diseases from images.

**Human Personality Prediction-ML algorithms**    *Apr 2023*  
Implemented machine learning models **Random Forest** and **KNN** to predict personality traits based on user input data. Optimized performance using **hyperparameter tuning** and **feature engineering**.

**Text to Speech Converter and Viceversa, Python**    *Nov 2022*  
Created a bi-directional **text-to-speech and speech-to-text converter** app in **Python**, using **speech recognition** and **pyttsx3** libraries for real-time audio conversion.

## Technical Skills

- **Programming Languages:** Python, Java, JavaScript, C++, HTML, CSS, SQL, Machine Learning, Deep Learning, Natural Language Processing
- **Frameworks:** TensorFlow, Keras, Scikit-learn, Nltk, Pandas, Numpy
- **Database Technologies:** MySQL
- **Tools:** Git, Docker, Jupyter, Visual Studio Code, Tableau
- **Other Skills:** Data Structures, Algorithms, Web Development, Machine Learning

## Certifications

- **Google Data Analytics Professional Certificate** —Coursera
- **Deep Learning and Neural Networks** —IBM
- **Machine Learning for All** —University of London
- **Artificial Intelligence A-Z** —Udemy
- **Applied Machine Learning in Python** —University of Michigan

## Extracurricular Activities

- NSS Member    2023 – Present
- Secretary, Future Prep Forum Club    2024 – Present
- Member, Computer Society of India, CUSB    2024 – Present

## Soft Skills

Communication — Team Collaboration — Problem-Solving — Leadership — Multitasking — Active Listening — Networking

## Hobbies

Learning New Technologies — Traveling — Event Organizing — Debating — Yoga — Reading — Board Games