PRAJWAL THEKKALUR SRINIVASA

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Career Objectives

I am Prajwal T S, an AI/ML enthusiast driven by a passion for the future and potential of artificial intelligence. I am deeply invested in exploring AI's incredible capabilities while also understanding the challenges and limitations we face today. With a vision to unlock AI's full potential, I aim to pave the way for groundbreaking technological advancements, pushing the boundaries of what's possible and contributing to a brighter, smarter future.

Education

Qualification	Specialization / Board	Institution	University	Percentage / CGPA	Passing Year
B.E	AIML	New Horizon College of Engineering	VTU	8.44	2025
12th	STATE	Shishya BEML Public School	-	77.6	2021
10th	CBSE	Seshadripuram Composite PU College	-	76.1	2019

Internships

Machine Learning with Python, Verzeo , 2 Months   *May 2022 – July 2022*

- **Machine Learning Fundamentals**: Acquired comprehensive knowledge of supervised and unsupervised learning techniques using Python.
- **Data Analysis and Visualization**: Proficient in data preprocessing, exploratory data analysis, and visualizing data using libraries like Pandas and Matplotlib.
- **Model Development and Deployment**: Experienced in building, evaluating, and deploying machine learning models, including real-world project implementations.

Java Programming, VaultOfCodes, 1 Month   *Oct 2023 – Nov 2023*

- **Java Debugging Skills**: Successfully resolved Java debugging problems in a structured learning environment.
- **Application Development**: Designed and implemented a Todo List application and a Password Strength Indicator in Java.
- **Project Development**: Developed an Online Booking System for cinema seats, demonstrating proficiency in Java application development.
- **Problem-Solving and Innovation**: Showcased creativity and problem-solving skills by independently conceptualizing and implementing a custom project in Java.

Technical Skills

Programming Languages: Java, Python
Web Technologies: HTML

Publications

Management of Waste Using Object Detection   *Dec 2023*

New Horizon College of Engineering, Prof. K.S. Shashikala, Dr. Thiyagarajan V S, Dr. M. Gurupriya, Mr. Prajwal T S, Mr. Jashwanth S, Mr. Vasanth S

Patent Application No. 202341082049 A

Projects

Management of Waste Using Object Detection   *Jan 2023 - March 2023*

- This invention relates to the field of object detection using AI in particular to detecting and classifying waste into different categories. Our invention comprises of image processing modules, object classification Libraries, Object Detection, Convoluted Neural Network to detect and classify waste based on the predefined, trained data. If a new class or undefined class is recognised by the feed then model uses the new recognised waste to add it to the trained set with a defined set of images.
- Tools Used: Python , OpenCV
- Outcome: Developed as PC based Object Detection tool to detect and classify various real world objects.

Seamless Smart Attendance System   *June 2023 - Oct 2023*

- The seamless attendance system, integrating advanced object detection with image augmentation, marks a substantial progression beyond current methodologies. By overcoming the constraints of conventional attendance tracking systems, the proposed solution endeavors to offer a seamless and precise approach to attendance management.
- Tools Used: Python, OpenCV, SQL
- Outcome: Developed as PC based Object Detection tool to detect and classify various labelled Beings and marking them present or absent with date and hour.

Health Monitoring System Using LLM   *May 2024 - Present*

- Developed during my third year of engineering studies, this project showcases how innovative technology can address real-world health challenges. By merging wearable tech with intelligent algorithms, the Smart Health Monitoring System aims to set a new standard for personalized healthcare, making it more accessible and effective for everyone.
- Tools Used: Flutter , Python
- Outcome: Built an UI for the app and LLM is under development.

Workshops/Seminars

Blender Workshop, VMWare IT Academy   *Nov 2023*

Participated in an intensive Blender workshop focusing on 3D modeling, animation, and rendering techniques. Developed skills in creating complex visualizations and animations using industry-standard software.

Deep learning workshop ,An Industrial Perspective workshop

Explored the world of LSTM, RNN and Deep neural network's Conv2D and various encoding methodologies.

Game Development Workshop , QuantumX

Explored the world of JavaScript and its essentials. Learned to develop engaging games and puzzles such as the popular dinosaur game and Sudoku. Gained experience in importing and creating various avatars for characters, enhancing creativity and technical proficiency in game development.

Personal Details

Father's Name: Badri Thekkalur Srinivasa
Date Of Birth: 31 August 2003
Permanent Address: 401,5th Main 5th Cross,Jagdishnagar, New Thippasandara Post,Banglore-560075

Declaration

I, Prajwal T S, a third-year student pursuing a Bachelor of Engineering in Artificial Intelligence and Machine Learning at New Horizon College of Engineering, hereby declare that the information provided in this resume is true and accurate to the best of my knowledge. I am seeking opportunities for internships or employment to apply my skills and contribute effectively to the organization.

Place:
Date:

(PRAJWAL T S)