

Hemanth T S

Junior AI Analyst - Data Analyst & AI

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Enthusiastic Data Analyst and AI Specialist with expertise in computer vision and AI model integration for real-world applications. Proficient in leveraging advanced AI techniques to enhance decision-making and automate tasks. Adept at collaborating with teams to deliver impactful solutions that bridge data science, AI, and business needs, with a proven ability to analyze complex data and drive innovation.

Experience

- 10xDS - Exponential Digital Solutions

Junior AI Analyst - Fulltime

October 2024-Present

 - Effectively utilized NVIDIA DeepStream SDK with Python bindings to deploy a fully-fledged project.
 - Worked with various Large Language Models (LLMs) and the LangChain framework for integrating AI-driven conversational capabilities into applications.
 - Developed agentic AI solutions for diverse applications, enhancing autonomous decision-making.
- AI Internship

March-October 2024

 - Developed and deployed computer vision systems utilizing object detection and pose estimation techniques for real-time monitoring applications.
 - Applied advanced machine learning models, including LSTM networks, to enhance predictive analytics in dynamic environments.
- Fingent Global Solutions Private Limited (Internship)

July-Oct 2023

 - I developed e-commerce websites with admin dashboards, cart functionality, and Razorpay integration, using Laravel, Django, and ReactJS with ASP.NET Core 6.

Projects

- Dental Radiography Analysis and Diagnosis (Undergraduate Capstone Project)

Developed a dental radiography analysis system that automated dental condition detection using YOLO v8, leveraging a dataset of 1000 annotated images.
- Staffroom faculty monitoring system (Undergraduate Mini Project)

Designed a staffroom faculty monitoring system that displayed real-time availability on LCD screens and mobile devices, with automated cabin lights based on faculty presence.

Education

- Bachelor of Technology in Electronics & Communications

APJ Abdul Kalam Technological University, Kerala, India

CGPA: 6.65

Jul 2019 - Dec 2023
- Higher Secondary Education (Computer Science)

SNMHSS Moothakunnam

Percentage: 87

Apr 2017 - Mar 2019
- Secondary Education

SNMHSS Moothakunnam

Percentage: 96

Jun 2016- March 2017

Skills

Technical Skills : Python | Pytorch | Tensorflow | SQL | ML Models | Nvidia DeepStream Sdk | LangChain | Computer Vision | LLM'S

Soft Skills: Resilience | Time Management | Critical Thinking | Adaptability| Communication | Teamwork | Problem-Solving | Stress Management

Certifications

- 2023 ICSCC | IEEE Conference-

Best paper award in the track Smart computing
- Machine Learning A-Z: AI, Python & R - Udemy

Gained comprehensive knowledge in machine learning techniques using Python and R, including practical applications and project-based learning.

I hereby declare that the information presented in this resume is true and accurate to the best of my knowledge.