Vidyasager GR

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Summary

Tech Enthusiast specializing in Data Science and Computing, leveraging Machine Learning and Deep Learning in Remote Sensing for Geospatial Analysis. With a strong foundation in Computer Science, I excel in Data Analytics, Visualization, Engineering, and Statistical Techniques, backed by programming and systems knowledge.

Education

M.Sc. Data Science and Computing, Sri Sathya Sai Institute of Higher Learning   2023 – 2025
CGPA: *8.7 / 10.0*

B.Sc. (Hons) Computer Science, Sri Sathya Sai Institute of Higher Learning   2020 – 2023
CGPA: *7.6 / 10.0.*

Work Experience

Data Science Intern, Cropin Technologies Pvt. Ltd, Bangalore, India   **May 2024 – Jul 2024**
Specialized in crop detection and LULC classification using machine learning and deep learning techniques, leveraging Python and Google Earth Engine for analysis. Conducted in-depth analysis of a paper on LULC classification using the GEOBIA approach.

Projects

Marks Extraction from Answer Scripts   **Jan 2024 – Mar 2024**
Developed strong expertise in CNN architectures by building a Digit Recognition model and consolidating a dataset of 700 answer script images. Leveraged Transfer Learning and Fine-Tuning techniques to adapt the YOLO v5 Object Detection model for precise analysis of the answer script dataset.

SAI Timetable Gen   **Jan 2023 – May 2023**
Built a Full-Stack Web Application using the MERN stack, creating a dynamic Single-Page Application with a clean, minimalistic front end in React.js. Developed backend functionality to efficiently manage semester information and class schedule allocation for students and teachers.

Skills

Data Science	Machine Learning, Data Visualization, Computer Vision
Coding	Python, R, C, C++, SQL, LaTeX, …
Web Dev	Html, css, JavaScript, React, MongoDB.
Misc.	Communication, Creative Writing, Git.

Certifications

Data Science	Supervised Machine Learning	Advanced Learning Algorithms
Web Dev	The Complete 2023 Web Development Bootcamp	React, NodeJS, Express & MongoDB - The MERN Fullstack Guide
Misc.	AWS Academy Graduate - AWS Cloud Foundations	Introduction to Git and Github