Konduri Surya Karthikeya

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○ karthikeya1561   🔗 Portfolio

PROFESSIONAL EXPERIENCE

SRR CloudExpertsGuru India Pvt Ltd   06/2024 – 07/2024
Intern 🔗   Hyderabad, India

Developed professional skills by improving task completion efficiency by 20%
through effective time management and communication. Received positive
feedback from supervisors, contributing to a 10% improvement in task
efficiency within the internship.

PROJECTS

Smart Traffic Management System (Ongoing)
- Collaborating on an AI-based traffic management system project aimed at reducing traffic congestion by up to 30% through real-time light adjustments, vehicle detection, and prioritization of emergency vehicles.
- Technologies used: Python, OpenCV, Machine Learning, yolo.

Salary Prediction Model
Developed a predictive model with an 95% accuracy to forecast salaries based on education,
experience, and location.

Penguin Classification Model
Built a Penguin classification model with 92% accuracy using random forest, predicting species
based on physical characteristics like flipper length, bill depth, and habitat.

Technical Skills

Programming Languages : Python, SQL, C, Java script.
Machine Learning : Pandas, NumPy, Scikit-Learn, PyTorch, OpenCV.
Development & Version Control : Git.
Web Development : HTML, CSS.
Data Visualization & Microsoft Tools : Seaborn, Matplotlib, Tableau, Excel, PowerPoint.

CERTIFICATES

- Exploratory Data Analysis 🔗
- 3D Printing Workshop 🔗
- Data Processing and Visualisation 🔗
- Aquiring Data 🔗

ACHIEVEMENTS

Selected for Smart India Hackathon 2024 (State Level)
Working on an AI-based smart traffic management system project focusing on real-time traffic
light adjustments, vehicle and accident detection, and emergency vehicle prioritization.

EDUCATION

ICFAI TECH   2022 – present
Bachelor of Technology in DS & AI

NARAYANA JUNIOR COLLEGE   2020 – 2022
Board of Intermediate *(*945 out of 1000*)*

DR.KKR'S GOWTHAM SCHOOL   2019 – 2020
Secondary School Education (9.7 out of 10 CGPA)