ADHARSH C.S.

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EXPERIENCE

Oracle Database Administrator August 2024 - Present
Tata Consultancy Services *Noida, India*

- Performed daily Oracle database health checks, analyzing performance metrics, uptime statistics, and system logs to ensure 99.9% availability.
- Resolved 30+ database incidents monthly by diagnosing Oracle database errors, performing detailed root cause analysis, and coordinating with cross-functional application and infrastructure teams.
- Administered and maintained 75+ Oracle databases in Linux/Unix environments, including user provisioning, RMAN-based backup and recovery, and regular health checks.
- Created and maintained comprehensive documentation, including Standard Operating Procedures (SOPs), troubleshooting guides, and database maintenance protocols, enhancing team efficiency and onboarding.

EDUCATION

Bachelor of Technology, APJ Abdul Kalam Technological University 2020 - 2024
Electronics and Communication Engineering

High School, Model Technical Higher Secondary School, Ernakulam 2018 - 2020
Physical Science (Electronics)

SKILLS

Programming Languages	Python, SQL
Platforms	Oracle Server, SQL Developer, Linux
Design Tools	Adobe Premiere Pro, Blender, Canva, Figma
Areas of Interest	Programming, Creative Designing / Editing
Soft Skills	Self-learner, Resilient, Creative
Languages	English, Malayalam, Hindi

PROJECTS

Automatic Waste Segregator using Deep Learning

- Developed an ML based waste classification system using Convolutional Neural Networks (CNN) in Python, achieving 86% sorting efficiency.
- Trained and evaluated a deep learning model using TensorFlow and OpenCV on a dataset of over 5,000 images, achieving high classification accuracy for real-time waste identification across 4 categories.
- Deployed the waste classification system on an embedded platform, enabling real-time sorting with the ability to identify and classify up to 5 waste items per minute with over 80% accuracy.

PUBLICATION

- **Deep Learning Approaches for Waste Classification**, International Conference on Advancements in Power, Communication, and Intelligent Systems (APCI), IEEE, 2024

ACHIEVEMENTS

- **Research Paper Presentation (GCE, Kannur)**: Presented the research paper "Deep Learning Approaches for Waste Classification" at IEEE APCI 2024, held at GCE Kannur; selected from over 200 submissions and showcased before an audience of 100+ researchers and industry experts.