Dileep Kumar

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GitHub: GitHub_Profile   **LeetCode:** LeetCode_Profile   **Portfolio:** Portfolio_Link

TECHNICAL SKILLS

Programming Languages: Core Java, Advanced Java, *Basics of* {C++, C, Python, R, Dart, Perl}

Web Development: HTML, CSS, *Basics of* JavaScript

Database Management: MySQL

Other: Data Structures and Algorithms (*DSA*)

NON-TECHNICAL SKILLS

Persuasion	Mentorship
Adaptability	Problem Solving
Active Listening	Analytical Thinking
Communication	Emotional Intelligence
Self-motivation	Cross-Cultural Competence

PROJECT EXPERIENCE

Indian Medicinal Leaves Classification Using CNN: March 2024 Developed an advanced system for classifying Indian medicinal leaves using transfer learning-based convolutional neural networks. Focused on textures, shapes, and margins of leaves to ensure accurate classification. Implemented data augmentation to expand the dataset and prevent insufficiency, alongside regularization techniques to avoid overfitting. The dataset comprised 1835 images of 30 different medicinal herbs. Trained using VGG16, Xception, and EfficientNetv2 architectures, achieving the best performance with Xception.

Credit Card Fraud Detection using Data Mining Techniques: September 2023 Developed a comprehensive credit card fraud detection system utilizing data mining techniques to enhance transaction security. The objective was to contribute to the creation of a robust and efficient solution that minimizes risks associated with fraudulent transactions.

Three-Level Image-Based Authentication System:June 2022 Collaborated on a team project during my Bachelor's degree, designing and developing a cutting-edge Three-Level Image-Based Authentication System using Java. This innovative system enhanced security and user authentication in web applications by utilizing three levels of image-based verification.

EDUCATION

Master of Computer Applications
Acharya Nagarjuna University
2022 -2024
Bachelor of Computer Applications
Adikavi Nannaya University
2019 -2022
Intermediate
Adikavi Nannaya University
2017 -2019

CERTIFICATIONS

Cisco
- Programming essentials in C by Cisco.

AWS Academy
- Course completion certification on Cloud Foundations.
- Course completion certification on Machine Learning Foundations.

Tap Academy
- Course completion certification on Full Stack Web Development using Java by Tap Academy.

DECLARATION

I hereby declare that the information provided in this resume is accurate to the best of my knowledge.
I understand that any misrepresentation or omission of facts may result in disqualification.