PRADISH V

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OBJECTIVE

An adaptable and efficient individual looking to be a successful professional in a recognized organization that provides me with an opportunity to achieve personal, professional and Organizational goals.

EXPERIENCE

Web Development Intern Jan 2023 - Feb 2023
Nitroware Technologies, Coimbatore, India

- Assisted in designing and developing web applications using modern frameworks and tools.
- Collaborated with software development teams to troubleshoot and resolve technical issues.
- Assisted in database management and data cleaning to ensure data integrity and accuracy.
- Completed a structured internship program with a focus on software development best practices.

SKILLS

Programming Languages	Python, Java, C, C++, HTML/CSS, JavaScript
Data Analysis	Data Preprocessing, Data Visualization
Database Management	SQL, Database Optimization
Soft Skills	Problem-Solving, Communication, Teamwork, Adaptability, Creativity
Software Skills	Web Development, Predictive Modeling, NLP, Image Processing, Deep Learning

EDUCATION

Master of Technology, Computer Science and Engineering, 2024 - Present
Amrita Vishwa Vidyapeetham, Amritapuri
CGPA: 6.7/10

MSc Computer Science. 2022 - 2024
Sri Ramakrishna College of arts and Science, Coimbatore
CGPA: 7.26/10

BSc Computer Science. 2019 - 2022
Sivanthi Aditanar College, Kanyakumari
CGPA: 6.78/10

PROJECTS

Movie And Book Recommendation.
Built a recommendation system using Matrix Factorization, combining collaborative and content-based filtering to provide personalized movie and book recommendations. Integrated APIs for real-time updates and advanced filtering by genres, language, and release year.

Skin Cancer Classification from Skin Lesion Images.
Developed a deep learning model using DenseNet121 for skin cancer classification, improving accuracy through L1/L2 regularization and data augmentation. Implemented Adam optimizer for efficient training and optimized hyperparameters for enhanced model performance. Evaluated results using confusion matrices and class distributions, achieving high classification accuracy.

Diabetes Prediction using Machine Learning.
Built a Flask-based web application for diabetes prediction using a Random Forest Classifier. Preprocessed the PIMA Indian Diabetes Dataset and applied feature selection for improved model accuracy. Implemented user input handling via a web interface to provide real-time predictions. Deployed the model with Flask for easy accessibility.

PUBLICATIONS

March 2024 Unveiling Dermatological Threats: Deep Learning-Based Skin Cancer Classification from Lesion Images. **International Journal of Novel Research and Development (IJNRD)**