

Deepalakshmi M

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Objective

I am a B.Tech student specializing in artificial intelligence and data science. I am committed to advancing AI-driven innovations. I aim to apply my skills to address practical challenges, contribute to impactful initiatives, and stay informed about emerging technological developments.

Education

- **K.L.N. COLLEGE OF ENGINEERING**
B.Tech Artificial Intelligence & Data Science (2021 - 2025) -8.50*
- **12TH GRADE**
Nirmala Girls Hr Sec School -89.4*
- **10TH GRADE**
Nirmala Girls Hr Sec School -86.4*

Upto 7th Semester

Skills

- Programming Languages : PYTHON | C
- Web Development : HTML | CSS | JAVASCRIPT
- Database : SQL
- Framework : REACT JS

Certification

- PYTHON - elysium academy , Madurai
- MACHINE LEARNING - elysium academy , Madurai
- FULL STACK DEVELOPMENT (MERN) - cadd livewire , Madurai
- REINFORCEMENT LEARNING - NPTEL online certification
- DATA VISUALIZATION - GUVI online certification

Experience

- DATA SCIENCE INTERN, Exposys Data Labs Nov - Dec 2024
- Developed a Diabetes Prediction Model using Machine Learning algorithms, analyzing patient data to predict diabetes risk with high accuracy.
 - Preprocessed large datasets for feature engineering and model training, utilizing libraries like Pandas, NumPy, and Sklearn to enhance prediction reliability

Projects

MOVIE RECOMMENDATION SYSTEM | Machine Learning | Python

- Developed a content-based movie recommendation system using Python and machine learning algorithms Utilized techniques like TF-IDF for text vectorization and cosine similarity to recommend movies based on user preferences. Integrated data processing libraries such as Pandas and NumPy

STUDENT DATABASE MANAGEMENT SYSTEM | Web | MERN

- A Student Database System web application using the MERN stack (MongoDB, React.js, Node.js) enables efficient CRUD operations and secure authentication. It offers a user-friendly interface for managing student records

Extracurricular Activities

- Participated in the SCIENTIFIC MODEL CONTEST titled "ARDUINO SMART GLOVES."
- Participated in the workshop on Augmented Reality (AR), Virtual Reality (VR), and mixed reality (MR) and got a certificate.
- Participated in LEARNATHON conducted by GUVI, NAAN MUDHALVAN & ANNA UNIVERSITY and got a certificate
- Participated in the POWER BI WORKSHOP conducted by OFFICE MASTER and got a certificate.