

Jamsheer Hussain K

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AI Enthusiast

Summary

Enthusiastic AI developer with hands-on experience in machine learning using Scikit-learn, Pandas, NumPy, and Matplotlib. Proficient in Python and C, with a strong interest in AI, ML, and Computer Vision. Passionate about building projects and eager to apply skills to real-world applications

Technical Skills

- **Languages** : C, Embedded C, Python, HTML, CSS
- **AI/ML Libraries** : Scikit-learn, Pandas, NumPy, Matplotlib
- **Web Frameworks**: Django, Flask, React, Fast API

Soft Skills

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|-------------------|---------------|----------------|
| • Problem Solving | • Leadership | • Punctuality |
| • Communication | • Team Player | • Adaptability |
| • Leadership | • Listner | • Flexibly |
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Academic Projects

Travel Itinerary Generator Web App

Tech Stack: React, Fast API (Python), JavaScript, REST APIs

Duration: 2 weeks (Solo Project)

Description:

- Developed a full-stack travel itinerary generator that creates personalized plans based on user input.
- Used third-party travel APIs to fetch real-time destination data and displayed it using a dynamic React-based UI.
- Designed and implemented a Fast API backend for scalable API handling and seamless communication with the frontend.

Key Learning's:

- Strengthened knowledge of JavaScript and React framework fundamentals

Anime Recommendation Web Application

Tech Stack: Flask (Python), Random Forest, HTML, CSS

Duration: 1 week (Solo Project)

Description:

- Developed an anime recommendation system that suggests titles based on user input for genre, type (TV, Movie, OVA, Special), and rating.
- Trained and deployed a machine learning model using the Random Forest algorithm for personalized recommendations.
- Built a Flask backend to process user inputs, serve predictions, and manage API communication.
- Designed a responsive front-end interface for smooth user interaction and clear recommendation display

Key Learnings:

- Gained practical experience with Flask for backend web development.
- Strengthened skills in integrating machine learning models into interactive web applications.

Online Bookstore Website

Tech Stack: Django (Python), HTML, CSS, SQLite

Duration: 2 weeks (Solo Project)

Description:

- Created a fully functional online bookstore using Django with features including product listings, cart system, and secure user login/registration.
- Designed a responsive HTML/CSS front-end for smooth user interaction across different devices.
- Implemented backend logic for product management, user authentication, and order tracking.

Key Learning's:

- Gained hands-on experience with the Django framework and its MVC architecture.
- Improved front-end development skills using HTML and CSS for responsive web design.

Education

Diploma in AI and Robotics

IHUB School of Learning, Kochi, Kerala — Jun 2024 – Present

Bachelor of Computer Application

Arni University, Himachal Pradesh — Jun 2018 – Mar 2021

Additional Information

Languages: Japanese , English