Mukund Maheshwari

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Skills

Programming Languages: Java, Python

Development: HTML, CSS, JavaScript, React, Spring Framework, SQL, PHP

Databases: MySQL, PL/SQL, MongoDB

Developer Tools: VS Code, Jupyter Notebook, GitHub

Projects

Finance Management and Prediction System
October 2024 – PRESENT

- Developing an AI-driven financial tool to provide personalized spending insights and cost-saving recommendations.
- Designing an intuitive user interface with data visualizations to track spending patterns and offer actionable advice.
- Integrating transaction data from e-commerce platforms and payment apps to categorize user expenses.
- Building predictive budgeting models to estimate monthly expenditures and suggest optimal spending limits.
- Implementing AI-based alerts and recommendations to help users manage discretionary spending and achieve financial goals.

Cancer Cell Classfier
May 2024

- Developed a machine learning model for cancer cell classification using Scikit-Learn.
- Implemented Gaussian Naïve Bayes, increasing accuracy in cancer cell detection.
- Utilized Random Forest classifier to enhance prediction accuracy.
- Deployed the model on a user-friendly web interface for accessibility and ease of use.

Smart Agriculture Management System
October 2023

- Designed and developed a web-based platform to assist farmers in optimizing crop yield.
- Integrated real-time government agricultural schemes and resources for improved decision-making.
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- Developed financial calculators for loan estimation, crop yield prediction, and production analysis.
- Conducted on-ground research with local farmers to introduce organic farming practices.

Education

VIT Bhopal
October 2022 – PRESENT

B.Tech in Computer Science   *CGPA: 8.28/10*

- **Computer Science Coursework:** Object-Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Cybersecurity, Design and Analysis Algorithms, Database Management Systems, Fundamentals in AIML, Theory of Computation, Computer Architeture and Organisation
- **Mathematics Coursework:** Discrete Mathematics, Applied Linear Algebra, Probability and Statistics, Applied Numerical Mathematics, Advanced Calculus

Certificates and Awards

- The Bits and Bytes of Computer Networking: Google
- Cloud Computing : NPTEL , Swayam
- Certification of DSA in Java: Apna College
- Certification of Python Essential: Vityarthi

Extracurriculars

Mharo Rajasthan Club: Content Co-Lead

Linux Club: Event Management Team

Sports: Badminton: District-u17 , Football: District-u14

Additional Information

Languages: Hindi, English

Hobbies: Table Tennis, Cricket, Reading, Cooking,