RAHUL R

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Education

KCE-Karpagam College of Engineering
B.Tech in Aritificial Intelligence and Data Science

- GPA: 7.6/10.0
  - **Coursework:** Foundational mathematics, Basic Programming(Python,Java), Data structures and design, Design and analysis of algorithms, Database management system, Introductory machine learning,MLops.

Projects

College navigation system chatbot

"Developed a campus navigation chatbot using Dialogflow with NLP capabilities to assist students in locating departments, classrooms, and amenities, enhancing campus accessibility.".

Vending Machine Order Processing

Developed a Java-based Vending Machine system to handle product selection, inventory management, and order processing through an object-oriented approach.

Hotel Management System

Created a responsive front-end for a Hotel Management System using HTML5 and CSS3, emphasizing clean UI design, mobile compatibility, and user-friendly navigation

Skills

- **DSA:** Working knowledge in designing and optimizing algorithms for arrays, linked lists, trees, graphs, and dynamic program- ming problems.
- **Soft Computing**: Skilled in version control (Git/DVC), containerization (Docker), and CI/CD pipelines (Jenkins) to build reproducible ML workflows and deploy scalable model serving systems.
- **DBMS:** Proficient in relational databases, SQL, normalization, indexing, and transactions.
- **Web Application Development:** Skilled in building web applications using Servlet, JSP, Spring MVC, Spring Boot, and Hibernate, with experience in REST APIs, database integration, and scalable backend systems.
- **Programming Languages:** Working knowledge in Java and Python, with experience in software development, algorithms, and scripting.
- **OOPs:** Proficient in applying OOP principles (inheritance, polymorphism, abstraction, encapsulation) for scalable code design.
- **Data Science:** Skilled in data analysis, cleaning, visualization, and machine learning using libraries like Pandas, NumPy, and Scikit-learn.

Achievements

- Consistently solving problems on platforms like CodeChef, LeetCode and Code 360
- Earned several certificates from Coursera, Great Learning, enhancing skills in AI,Data Science and technology
- Regular participant in CodeChef weekly contests, improving problem-solving and algorithmic skills.

Cerifications

- Certificate of completion for CI/CD for biginners
- Certificate of completion of Java training
- NPTEL certificate for soft skills and IOT
- Great learning certificate for Introduction To Internet Of Things