

RUDRESH M R

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Education

KCE-Karpagam College of Engineering

B.Tech in Artificial Intelligence and Data Science

- GPA: 8.0/10.0
- **Coursework:** Foundational mathematics, Basic Programming(Python,Java), Data structures and design, Design and analysis of algorithms, Database management system, Introductory machine learning,Soft Computing.

Projects

CRICKET-PLAYER-RUN-PREDICTION

- The system uses Logistic Regression to classify and predict player run based on their previous match performances. It uses streamlit ,pandas,numpy and various libraries.

RESUME AND PROTFOlio ASSISTANT

- A sleek, interactive web application designed to help users build professional resumes and personal portfolios and to generate customizable resumes and portfolios with real-time preview and export features.

BREW-NEST CAFE WEBSITE

- Developed "BrewNest Café" website using HTML, CSS, and JavaScript featuring an interactive layout, menu page, and contact form to simulate a real café experience

VENDING MACHINE ORDER PROCESSING

- Developed "VendEase", a Java-based console application simulating vending machine order processing with OOP design, payment logic, and inventory control.

Skills

- **DSA:** Working knowledge in designing and optimizing algorithms for arrays, linked lists, trees, graphs, and dynamic programming problems.
- **Soft Computing:** Proficient in fuzzy logic, neural networks, and genetic algorithms; applied hybrid intelligent systems for solving real-world classification and optimization problems
- **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, udemy, enhancing skills in AI, Data Science and technology
- Regular participant in CodeChef weekly contests, improving problem-solving and algorithmic skills.

Certifications

- Certificate of completion for Java Fundamentals Course for Beginners - Udemy
- Certificate of completion of Machine learning Course with Python A-Z - Udemy
- Certificate of completion for RDBMS PostgreSQL Training - Spoken Tutorail IIT
- Certificate for Participation in GenAI Workshop By Intel - Intel
- Certificate for Participation in Paper Presentation Feautring GENAI.
- Qlik Sense Business Analyst - Qlik