Rakesh ArunKumar

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Career Objective

Motivated and detail-oriented software professional with a strong foundation in development, testing, and problem-solving. Eager to contribute technical expertise to innovative projects and collaborate with cross-functional teams to drive business success. Committed to continuous learning and leveraging emerging technologies to deliver high-quality solutions in a fast-paced, dynamic environment.

Skills

Languages: C++, Java, C#, Python.
Database: SQL.
Web Designing: HTML, CSS.
Testing: Manual Testing and Automation Testing, Selenium, Selenium WebDriver, TestNg.
Technologies & Tools: MySQL, Visual Studio.
Operating System: Windows and Unix.

Education

PES College of Engineering, Mandya	2022 – 2024
Master of Computer Applications	8.10 C.G.P.A
JSS College of Arts, Commerce and Science, Mysore	2017 – 2020
Bachelor of Computer Application(BCA)	7.56 C.G.P.A
Sree Vasavi Vidya Kendra, Kollegal	2016 – 2017
Class XII	64%

Project Work

Fake reviews Prediction in E-commerce platform using Machine Learning (2023 – 2024)
- Developed a fake reviews detection system using Naive Bayes and Lesk-based algorithms, achieving high accuracy of 93.75% classifying reviews as fake or genuine.
- Implemented supervised learning with Naive Bayes to efficiently analyze review content, focusing on word frequency, sentiment polarity, and review length.
- Enhanced the system's accuracy in sentiment analysis through the Lesk-based algorithm, improving word sense disambiguation.
- Designed a user-friendly GUI to display detection results, facilitating easy access for administrators, guests, and members.

Smart Parking location finder using google map api (2023 – 2024)
- Planned a Web application to streamline the process of finding and reserving Parking slots and booking.
- Utilized Room Database for secure data management ensuring **100%** data integrity and retrieval speeds.
- Executed a robust slot booking system, secure user authentication, and seamless payment processing.
- Implemented route optimization to guide users to the selected parking location with the shortest travel time, enhancing user convenience.

Online car driving school management system (2024)
- Built an Online Car Driving School Management System for efficient scheduling and management of driving lessons.
- Deployed a user-friendly interface for seamless booking and management of lessons by students and instructors..
- Incorporated automated notifications and progress tracking to enhance lesson attendance and monitor student development.

Work Experience

Coding instructor – Bright Champs   July 2021 – July 2022
- Instructed students from various countries in object-oriented programming (OOP), game development, and application and website building, utilizing tools such as VS Code, Scratch, and Thunkable.
- Successfully facilitated a diverse learning environment, enabling students to develop practical coding skills and create their own projects across different platforms.

Internships

Internship in Web Development – Dotch Endevours   Apr – May 2024

- Constructed and created enhanced web applications using HTML, JavaScript focusing on improving functionality and user experience.

Certificates

- Manual Testing and Automation Testing- Qspiders
- Privacy and Security in Online Social Media - NPTEL
- Soft Skill Development - NPTEL
- Strategy Formulation and Data Visualization - IIT Madras
- Practical Machine Learning - Coursera

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