Rajesh Nalla

Software Developer

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EDUCATION

Master's in Computer Science, *University of Central Missouri, with 3.55/4.0 GPA*	Jan 2023 - May 2024
B.Tech in Information Technology, *Kakatiya Institute of Technology and Science*, with 3.46/4.0 GPA	Aug 2018 - Apr 2022

SKILLS

Programming Languages	Python, Core Java, C++, C .
Tools and IDE	Eclipse, Pycharm, IntelliJ IDEA, Visual Studio, MySQL Workbench, Git.
Front-End Technologies	HTML, CSS, jQuery, NodeJs, JavaScript, React, and React Native.
Back-End Technologies	Spring Boot.
Databases	MySQL, SQL, PostgreSQL, MongoDB.

TECHNICAL EXPERIENCE

Associate Software Engineer   **May 2022 — Nov 2022**
Tech Mahindra   *Hyderabad, Telangana*

- Completed a comprehensive software engineering training program, gaining hands-on experience in software development methodologies, coding practices, and Project Management.
- Participated in a collaborative project, contributing to the design, development, and testing of software solutions under experienced mentors. (ReactJs and Java (Spring Boot)).
- Engaged in iterative development cycles, code reviews, and testing activities to ensure software quality and reliability. Developed skills in problem-solving, teamwork, and communication while working on real-world projects, preparing for a successful career in software engineering.

PROJECTS

Student Management System   **ReactJs, SpringBoot, JWT, MySQL**
                                                                                                                             CSS,HTML5

- The Student Management System project is a full-stack application built with ReactJS for the front end, Spring Boot for the backend, and JWT (JSON Web Tokens) for authentication. It features a user-friendly interface with register and login forms for user authentication. User data is securely stored in MySQL database with hashed passwords using JWT for authentication and authorization.
- Once logged in successfully, users can perform CRUD (Create, Read, Update, Delete) operations on student records, including adding new students, deleting existing ones, editing student information, and viewing a list of all students. The application ensures data security and user privacy while providing a seamless experience for managing student records.

Tic-Tac-Toe   **ReactJs, JavaScript**

- This project is a user-friendly web page where players can enjoy the classic game. It allows users to enter their names and saves them for the duration of the game. When a player wins, a modal pops up displaying the winner's symbol (O or X).
- If the game ends in a draw, it notifies the players accordingly. The game interface is intuitive and responsive, providing a smooth gameplay experience. It features clear visual feedback, such as highlighting winning moves and updating the score dynamically. The project is implemented using HTML, CSS, and JavaScript, focusing on simplicity and usability.

Food Recipe   **ReactJs, CSS, HTML5**
                                                                                                                            Food Recipe API

- Implemented a food recipe project using ReactJS with API endpoints for fetching recipe data. Utilized useEffect hook to fetch recipe data upon component mounting. Users can browse recipes and view ingredients by clicking on them. Additionally, they can add recipes to their cart for checkout. The project seamlessly integrates cart management and recipe viewing, enhancing user experience.

Expense Tracker   **ReactJs,CSS,HTML5**

- This a React-based application featuring functionalities such as adding transactions, tracking income and expenses, calculating profits, maintaining a total balance, and displaying a history of transactions. Users can input new transactions, categorize them as income or expenses, view their overall financial status, and review a chronological list of past transactions.