Charan Raju Pakalapati

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Technologies And Technical Skills

Programming Languages: C, C++, Python, Java.

Frontend Technologies: HTML, CSS, JavaScript.

Frameworks and Libraries: Bootstrap, ReactJs, ExpressJS.

Backend Technologies: Nodejs.

Database: MongoDB, SQL.

Version Control & Deployment: Git & GitHub.

Projects

Food Delivery Website   GitHub Repository

- **Description:** Developed a full-stack food delivery web application that enables users to browse menus, place orders, and manage restaurant listings. The platform ensures seamless order processing and database integration, enhancing the overall user experience.
- **Technologies Used:** React, Node.js, Express.js, MongoDB, REST API.

Devotional Exploration Website   GitHub Repository

- **Description:** Created an interactive web application that allows users to log in and explore various temples across different states in India. The platform provides comprehensive information on the unique traditions, cultures, and practices associated with each temple, enriching users' spiritual and cultural knowledge.
- **Technologies Used:** HTML, CSS and JavaScript.

Top Programmers

- **Description:** Implemented an innovative platform to identify and rank the top 10 coders in each college, promoting a competitive coding culture. This platform offers students a benchmark to measure their coding skills against their peers, motivating continuous improvement.
- **Technologies Used:** Java, JDBC.

Experience

Trainee, Technical Hub – Surampalem, Kakinada   Aug 2024 – Present

- Learned and applied React for building dynamic and responsive user interfaces, enhancing user experience.
- Gained expertise in backend technologies including Node.js, Express.js, and MongoDB to develop and manage server-side logic and databases for full-stack web applications.
- Developed and integrated REST APIs to handle server-side logic and data operations.
- Currently learning React Native and building mobile applications.
- **Key Achievement:** Successfully developed and deployed full-stack responsive websites, improving performance, user engagement, and backend efficiency.

Intern, Technical Hub – Surampalem, Kakinada   Jun 2024 – Jul 2024

- Developed dynamic and interactive user interfaces for websites, significantly enhancing user experience.
- Maintained high-performance, user-facing webpages using HTML, CSS, and JavaScript.
- Crafted custom responsive designs optimizing website layout for various devices.
- **Key Achievement:** Created and executed user interface prototypes for websites, leading to increase in user satisfaction ratings and a reduction in customer support inquiries related to usability.

DSA Trainee, Technical Hub – Surampalem, Kakinada   Jan 2024 – Mar 2024

- Completed an intensive 2-month Data Structures and Algorithms (DSA) training program, mastering advanced DSA concepts including linked lists, stacks, queues, trees, graphs, and sorting algorithms.
- Acquired in-depth understanding of algorithmic complexity and optimization techniques, enhancing efficient problem-solving skills.
- **Key Achievement:** Implemented several complex algorithms optimizing the performance of various codes.

Achievements And Certifications

- **Microsoft Certified :** Azure AI Fundamentals, demonstrating proficiency in AI.
- **Pearson Certified :** IT Specialist in Java, showcasing advanced knowledge and expertise in Java programming.
- **C++, Python, Java :** Achieved 4 Stars Badge on HackerRank, indicating high competency in multiple programming languages.
- **10 Days of Java Script :** Awarded 3 Stars Badge on HackerRank, demonstrating solid understanding and application of JavaScript concepts.

Coding Profiles

- **LeetCode :** https://leetcode.com/u/charanraju/
- **GFG :** https://www.geeksforgeeks.org/user/charanr9re0/
- **Hacker Rank :** https://www.hackerrank.com/profile/charanraju925
- **CodeChef :** https://www.codechef.com/users/charanraju925

Education

Aditya College of Engineering, B. Tech in Computer Science and Engineering.   Sep 2022 – Present
GPA : 8.0/10.0

Sri Gayatri Junior College, Math Physics Chemistry.   Jun 2020 – Apr 2022
GPA : 9.41/10.0

Soft Skills

Languages :
Telugu [Native Proficiency]
English [Intermediate (B1)]
Japanese [Beginner]

Core Competencies :
Adaptability and Flexibility, Strong Communication and Teamwork.