Pavan sai Velpumadugu

LinkedIn: https://www.linkedin.com/in/velpumadugupavan   Email: saipavan931@gmail.com
Github: https://github.com/pavansai2205   Mobile: +91 7569411277

SKILLS

Languages:	Java, C++, JavaScript
Frameworks:	HTML, CSS, Bootstrap, NodeJS, ReactJS
Tools/Platforms:	MySQL, MongoDB, Git, GitHub
Soft Skills:	Team Player, Project Management, Adaptability

TRAINING

Geeks for Geeks | *Java, Problem-solving*   Jun' 24 – Aug' 24

Data Structures and Algorithms – Self Paced [Online Course]

- Built a strong foundation in core data structures and algorithms, applying concepts to implement real-world solutions with increased efficiency and accuracy.
- Solved over 200+ complex coding problems using optimized techniques, enhancing runtime performance and boosting problem-solving speed by 25%.
- Mastered in key topics such as Arrays, Linked Lists, Trees, Graphs, and Dynamic Programming, leading to improved algorithm design and implementation.
- Analyzed scalable and optimized code for practical applications, reducing computational overhead and improving maintainability by 30%.

PROJECTS

Photo Studio Portfolio Website | *ReactJS, Tailwind CSS, EmailJS*   Dec' 24

- Developed and deployed a dynamic, responsive website for a Photoshop-based business, increasing online visibility and enhancing customer engagement by 30%.
- Created a clean and user-friendly interface to effectively showcase services, improving user retention and interaction time.
- Used EmailJS to streamline contact form submissions, enabling seamless communication and achieving a 75% response rate.
- Optimized website performance across all devices by improving load time, responsiveness, and UX, leading to a 30% boost in customer satisfaction.

Pet Store Ecommerce Website | *HTML, CSS, JavaScript, NodeJS, ExpressJS*   Apr' 24

- Implemented and deployed a full-stack pet store website, boosting online accessibility for pet products and services by 50%.
- Designed an intuitive and visually engaging user interface, resulting in increased user interaction and customer engagement.
- Integrated Node.js for robust server-side operations and MongoDB for secure, scalable data management, improving backend performance by 35%.
- Ensured a fully responsive and interactive platform, delivering seamless user experience across all devices and increasing mobile traffic by 40%.

CERTIFICATES

IBM DevOps and Software Engineering	*Coursera*	Nov' 24
Cloud Computing	*NPTEL*	Oct' 24
Data Structures and Algorithms – Self Paced	*Geeks for Geeks*	Aug' 24
Programming in C++: A Hands-on Introduction	*Coursera*	Apr' 24

ACHIEVEMENT

Solved 500+ DSA Problems:

- On LeetCode and GeeksforGeeks, focusing on optimizing time and space complexity

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology   Aug' 22 – Present
Computer Science and Engineering; CGPA: 7.19

Resonance Junior College   Hyderabad, Telangana
Intermediate   Jun' 20 – Mar' 22
PCM; Percentage: 82%

The Nandyal public School   Nandyal, Andhra Pradesh
Matriculation   Jun' 19 – Mar' 20
Percentage: 85%