

Marri Venkata Siva Naga Yaswanth

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SKILLS

- Languages:** C++, JavaScript, C, PHP, Python, Java.
- Frameworks:** HTML and CSS, Bootstrap, NodeJS, React, Express
- Technologies:** Linux, Jenkins, Docker, Kubernetes
- Developer Tools:** Vs Code, AWS, Git, GitHub, Android Studio
- Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

- Eco Waste:** April 2025
An integrated waste management solution built with Laravel that enables comprehensive tracking of collection, transportation, disposal, and segregation processes.
Features distinct user and admin interfaces to monitor multiple waste categories including Plastic, Organic, Metal, Biodegradable, and E-Waste.
The responsive Bootstrap design ensures cross-platform accessibility while the modular architecture allows for scalable future enhancements.
The system provides detailed data tracking for locations, quantities, disposal methods and segregation techniques alongside user-specific workflow customization.
Tech: Laravel, Composer, PHP, MYSQL
- Recipe sharing Platform:** July 2024
Developed an interactive recipe-sharing platform using React.js, allowing chefs to upload and categorize recipes with filtering options for Vegetarian, and Non-Vegetarian dishes.
Implemented a responsive design that improved loading times by an average of 2 seconds on mobile and tablet devices, ensuring accessibility across all platforms. Integrated a search feature to find recipes by ingredients, names, or chef profiles while enabling users to save favorites.
Built a scalable architecture with modular components for efficient updates and support for a growing user base.
Tech: React.js, Node.js, Express.js.
- Online Courses Project:** Dec 2023
Refined an online courses platform with interactive course browsing, enrollment, and progress tracking, leading to a 20% increase in user retention.
Integrated quizzes to enhance engagement and learning outcomes and secure payment options for seamless transactions while ensuring a responsive UI for optimal accessibility across all devices.
Built reusable Angular components and Bootstrap layouts, streamlining development and reducing coding time by 10 hours per module.
Deployed with CI/CD Pipelines using Jenkins and Docker and auto triggering using webhooks.
Tech: Angular, Bootstrap, Node.js, Docker, Jenkins, Webhooks.

CERTIFICATES

- Web Development – by IBM Jan 2025
- Cloud Computing – by NPTEL June 2024
- DevOps: Planning and Production - by GFG. May 2024

ACHIEVEMENTS

- Technical Achievements:** Jan 2024
 - Developed and deployed scalable full-stack applications, including a Recipe Sharing Platform and an Online Courses Platform to enhance user engagement.
 - Optimized performance, reducing loading times by 2+ seconds on mobile devices through efficient coding and responsive design.
 - Created reusable React.js, Angular, and PHP components, cutting development time by 10+ hours per module and accelerating feature rollouts.
 - Enhanced search functionality using Algolia and MySQL/MongoDB, improving recipe discovery and supporting a growing user base
- Professional and Educational Achievements:** Jan 2024
 - Completed a DevOps internship at GeeksforGeeks (GFG), gaining hands-on experience in containerization, CI/CD pipelines, and cloud deployment strategies.
 - Contributed to open-source projects on GitHub, demonstrating strong version control, collaboration, and problem-solving skills in algorithmic challenges.

EDUCATION

- Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.2** Since August 2022
- NRI Junior College** Guntur, Andhra Pradesh
Intermediate; **Percentage: 75%** April 2020 - March 2022
- St. Laurel's School** Guntur, Andhra Pradesh
Matriculation; **Percentage: 100%** April 2007 - March 2020