


VUSTEPALLI SAI CHARAN

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TECHNICAL SKILLS

Programming Languages: Type Script | Java Script | HTML | CSS | Python | SQL | Go Lang | DBMS

Technologies: Angular | React | Ionic | Git | Kafka | Kubernetes

Version Controls: Git | SVN

Designing Tools: Figma | Sketch

IDE's & OS: VS Code | Atom Windows | Linux

WORK EXPERIENCE

Senior Associate Frontend Developer(National Payment Corporation of India) Nov 2023 - Present

- Designed and developed a highly interactive and user-friendly frontend interface utilizing Angular and Tailwind CSS, leading to a 40% increase in user engagement and a 25% reduction in bounce rate.
- Seamlessly integrated frontend features with backend services, creating a cohesive and efficient application ecosystem that improved performance and user experience by 30%.
- Led frontend optimizations to enhance system scalability, achieving a 50% improvement in throughput and a 35% reduction in response times, while collaborating with backend teams for smooth API integration.
- Directed a cross-functional team of 6 members, ensuring the successful delivery of projects on time and within budget, leading to a 20% improvement in project efficiency.
- Deployed a Public Key Infrastructure (PKI) system, enhancing secure communication between the app and server, ensuring 100% data integrity and protection.
- Improved screen loading times and overall system performance by 40% through strategic caching, data-fetching optimizations, and iterative design improvements.
- Executed thorough benchmarking of frontend frameworks and libraries, ensuring alignment with rigorous security protocols; achieved 90% acceleration in production readiness while enhancing user satisfaction by 30%.

Software Developer (Aspire Systems)

Apr 2021 - Oct 2023

- Created and implemented an intuitive frontend interface using Angular, Bootstrap, and responsive design techniques, boosting user engagement by 40% and reducing the bounce rate by 20%.
- Gathered and analyzed requirements by collaborating closely with clients, ensuring the final product aligned with their needs and expectations.
- Implemented Single Sign-On (SSO) login functionality, enhancing user convenience and security while streamlining authentication processes.
- Led the initiative to perform security testing on the application, resulting in the identification of 20+ areas of vulnerability; enhanced security measures were adopted, ensuring the safety of users.

- Integrated frontend components with backend services, ensuring seamless functionality and delivering a reliable, high-performing application.
- Optimized frontend systems to improve scalability, enhancing throughput and reducing response times by 30%, while collaborating with backend teams to streamline API integrations.
- Managed deployment processes using Jenkins, ensuring smooth and efficient deployment cycles, resulting in a 20% faster release rate.
- Supported the production and UAT phases by resolving issues in a timely manner, ensuring minimal downtime and achieving a 95% issue resolution rate within the first 24 hours.

EDUCATION

B. Tech in Computer Science & Engineering

7.84 CGPA

Lovely Professional University, Jalandhar, Punjab.

Jul 2017 - Jun 2021

ACHIEVEMENTS

India's Brightest Engineering Minds of 2021: I received the prestigious India's Brightest Engineer Award from The Economic Times through the ET Campus Star competition in 2021, recognized for exceptional coding skills. Competing against over 50,000 students from 2,000 top universities across India, I was awarded for my outstanding performance in a national-level competition, showcasing advanced software development and solidifying my position as one of the top engineers in the country.

CERTIFICATIONS

React JS, *Cipher Schools*

Data Science, *Board Infinity*

Robotic Process Automation, *Automation Everywhere*

SOFT SKILLS

Collaboration

Multi-tasking

Prioritization

Effective Communication

Innovation

Creativity

Leadership

Mentorship