Sai Narayana Shanmukh Ayyagari

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SUMMARY

Software engineer with a continuous learning mindset, focused on building reliable, user-friendly applications. Approaches development like leveling up in games, curious, iterative, and always seeking better solutions. Driven by a passion for problem-solving and a desire to improve performance, both in systems and personal growth.

SKILLS

Languages: C, C++, Python, JavaScript, Java, TypeScript.
Frameworks & Tools: Node.js, Express.js, React.js, Docker, REST, Figma, Git, Linux, Salesforce Admin, Salesforce Development, Conga CPQ, Conga CLM, Lightning Web Components, Data Manipulation Language.
Databases: MySQL, MongoDB.
Relevant Courses: Design and Analysis of Algorithms, Data Structures, Web Development, Machine Learning.

PROFESSIONAL EXPERIENCE

Cloud AI Labs   Dec 2024 – Present
Software Engineer   Austin, TX
- Developed and maintained responsive web interfaces using modern frontend and backend technologies, improving UI by 25%.
- Integrated frontend components with backend APIs to display real-time data.
- Improved page load time by 43% (3.5s to 2s) using code splitting, lazy loading.
- Leveraged Git and Jira to manage version control and sprint planning, reducing integration issues by 30%.

Forsys Inc   Jul 2024 – Nov 2024
Software Engineer Intern   Austin, TX
- Rebuilt legacy dashboards using the MERN stack, reducing load time from 9s to under 2s, improving usability.
- Integrated Salesforce with CI/CD pipelines, cutting deployment time by 50% and increasing release success rates.
- Designed and configured Lightning Web Components (LWC), improving Salesforce UI responsiveness by 33%.
- Optimized Salesforce databases using **SOQL**, reducing query latency from 3s to 1s.

Stumagz   Feb 2020 – Aug 2020
Junior Software Engineer   Hyderabad, India
- Developed a **school management system** with real-time attendance and grade tracking, reaching 90% user satisfaction.
- Enhanced backend performance using Node.js and MongoDB, reducing API response time by approximately 32%.
- Wrote 100+ unit tests to ensure reliability and reduce bugs across code modules.
- Deployed applications on Heroku and managed MongoDB, with 99% uptime for scalable cloud deployments.

PROJECTS

Wanderlust, React JS, Node JS, Bootstrap, MongoDB, Express JS, Cloudinary, Mapbox.
Web application that allows users to register, create and review campgrounds, upload images, and explore with interactive maps.
- Built user authentication and campground management system, enabling 100% secure CRUD operations for registered users, also Integrated cloudinary and Mapbox, reducing image load time by 40% and enabling geolocation search across 100+ listings.

Tour Vibes, React JS, Node JS, Bootstrap, MongoDB, Express JS.
A full-stack tour booking platform for users to browse and book tours, with admin access to manage listings, users, and bookings.
- Implemented role-based authentication and dashboards for users and admins, improving operational efficiency by 40%, designed and tested a responsive booking UI across devices, achieving 95% feature stability through cross-functional collaboration.

Learniverse (MSC-based Web Application), React JS, Node JS, Express JS, Bootstrap, MongoDB, WordPress.
An educational platform with role-based access for students, instructors, and admins, featuring AI chatbot and integrated blog.
- Created secure authentication and custom dashboards for each user role, improving user retention by 30% and led AI chatbot integration and coordinated blog updates with the team, cutting support queries by 50% and improving user engagement.

CERTIFICATIONS

- Full Stack Web Development, *Apna College*
- Salesforce Certified Administrator, *Salesforce*
- Salesforce Certified Platform Developer I, *Salesforce*
- ServiceNow Certified Administrator, *ServiceNow*
- Java, *HackerRank*
- C++, *LearnCodeOnline*

EDUCATION

University of Texas at Arlington   Aug 2022 – May 2024
M.S., in Computer Science   Texas, United States

Jawaharlal Nehru Technological University   Aug 2018 – May 2022
B.Tech., in Computer Science and Engineering   Hyderabad, India