Sai Surya Kalagani

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Professional Summary

Web developer with 4+ years of experience delivering scalable, user-centric solutions using React, TypeScript, and AWS. Proven track record in optimizing performance (up to 80%), enhancing accessibility (WCAG compliance), and driving customer acquisition (50% growth). Adept at leading UI/UX redesigns, integrating AI-powered features, and implementing cloud-based architectures to improve user engagement and system efficiency.

SKILLS

Front-end: HTML5, CSS3, JavaScript, jQuery, EJS , React, Next JS, Vue.js, PHP,Tailwind CSS, Bootstrap, Webflow, TypeScript, GraphQL, Responsive Web Design, UI/UX Design , Wordpress.WCAG Compliance, Flask

Back-end: Node.js, Express.js, MongoDB, MYSQL, REST API, AJAX, Amazon Web Services (AWS) - S3 & CloudFront, Authentication and Authorization (OAuth, JWT) , Python

Testing & DevOps: Jest (Unit Testing), Git, CI/CD, Webpack, Agile/Scrum

Collaboration: Cross-functional teamwork, UX/UI Design Integration

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PROFESSIONAL EXPERIENCE

ELIM5 Inc.
Brantford, Ontario, Canada.
Full Stack Developer (Internship) | Nov 2024 – Feb 2025

- Designed and implemented a seamless integration between Mautic and OpenPhone, amplifying marketing automation capabilities and streamlining post-cold-call contact management.
- Architected a MERN stack image search dashboard leveraging AWS Rekognition, enabling efficient text-based search across 500+ images.
- Revamped the Elim5. website for improved user experience and performance, implementing WCAG 2.1 compliance (e.g., ARIA labels, contrast ratios), improving accessibility for all users.
- Architected and implemented a full-stack image processing application using Python, Flask, OpenCV, and AWS services (Textract, Translate) that extracts, translates, and re-renders text in images while preserving original formatting.
- Implemented AI-powered chatbot functionality within company's internal software utilizing OpenAI API integration.

VideoForm.
Hyderabad, Telangana, India.
Full Stack Developer | May 2021 – Dec 2022

- Designed and implemented a scalable video upload and streaming system using React, Node.js, and AWS, featuring multi-part uploads, adaptive bitrate transcoding, CloudFront CDN caching, and server-side thumbnail generation, resulting in a 40% reduction in latency for global users.
- Architected and built an embeddable JavaScript chatbot in websites enabling users to provide feedback through video recordings, screen sharing, or video uploads, leveraging JavaScript expertise to deliver a seamless user experience.
- Increased customer acquisition by 50% by rebuilding the analytics dashboard with TypeScript, reducing runtime errors by 40%.
- Achieved 90% test coverage using Jest for frontend unit testing.
- Designed and developed an integrated email module, enabling seamless bulk email campaigns through CRM synchronization

GreyMetrics.
Hyderabad, Telangana, India.
Front-End Web Developer | Jan 2019 – Dec 2020

- Developed 25+ integrations for data retrieval and automated reporting in a JavaScript-based web application using Node.js, Express.js, Angular.js, and MongoDB.
- Collaborated with the Marketing and Development teams to define product requirements and roadmap.
- Designed and implemented intuitive UI interfaces that enhanced user experience by reducing navigation time by 30%.
- Decreased the loading time of the web application by more than 80% by optimzing and restructuring the application.
- Developed and launched a comprehensive Team Member Portal, enhancing communication, collaboration, and resource accessibility for all team members.

Aquo Digital.
Hyderabad, Telangana, India.
Front-End Web Developer | Aug 2018 – Jan 2019

- Led development, testing, and deployment of a dynamic e-commerce website (Vijaya Diagnostic) with an intuitive admin panel for client content management .
- Led client consultations to translate business requirements into scalable web solutions, ensuring 100% client satisfaction.
- Created a Custom 50-page website for driver training courses (Dubai Driving Center)

EDUCATION:

Conestoga College | Post Graduate Diploma, Web Development | Brantford, ON | Apr 2023 – Aug 2024
B V Raju Institute of Technology | B.Tech, Computer Science | Hyderabad, India | Aug 2014 – May 2018