

Sai Surya Kalagani

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GitHub : <https://github.com/surya304>

Accomplished web developer with over four years of experience designing and optimizing full-stack web applications. Expertise in React, TypeScript, and the MERN stack, with a focus on performance optimization, accessibility, and cross-functional collaboration. Proven track record of delivering scalable, user-centric solutions aligned with modern cloud and CI/CD practices.

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

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

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

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

PROFESSIONAL EXPERIENCE

ELIM5 Inc. - Full Stack Developer (Brantford, Ontario , Canada) (Internship)

NOV 2024- JAN 2025

- Designed and implemented a seamless integration between Mautic and OpenPhone, amplifying marketing automation capabilities and streamlining post-cold-call contact management.
- Developed a MERN stack image search dashboard using Next.js and TypeScript, integrated with AWS Rekognition, enabling text-based search across 500+ images.
- Successfully refactored and revamped the Elim5 website for improved user experience and performance, implementing WCAG 2.1 compliance (e.g., ARIA labels, contrast ratios), improving accessibility.
- Spearheaded a comprehensive UI/UX redesign for Elim5 Client's webpages, significantly enhancing user engagement and data visualization by introducing intuitive categorization, infinite scrolling, and pagination systems to streamline complex data sets
- Implemented AI-powered chatbot functionality within company's internal software utilizing OpenAI API integration.

VideoForm - Full Stack Developer (Hyderabad , India)

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 - Front-End Web Developer (Hyderabad , India)

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.
- Worked on the development of UI interfaces and wireframe mockups with the goal of enhancing the user experience.
- Decreased the loading time of the web application by more than 80% by optimizing and restructuring the application.
- Developed and launched a comprehensive Team Member Portal, enhancing communication, collaboration, and resource accessibility for all team members.

AUG 2018 - JAN 2019

Aquo Digital - Front-End Web Developer (Hyderabad , India)

- Led development, testing, and deployment of a dynamic e-commerce website ([Vijaya Diagnostic](#)) with an intuitive admin panel for client content management .
- Collaborated with Multiple clients to understand their vision and incorporate feedback into the development process, ensuring 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