Tamilselvan G

Frontend Developer

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SUMMARY _

Frontend Software Engineer with 3 years of experience building performant, scalable web applications using ReactJS. Expertise in UI/UX design, modular architecture, and responsive interfaces. Strong background in Agile development, cross-functional collaboration, and integrating DevOps workflows for efficient delivery.

EDUCATION

Anand Institute of Higher Technologies, Chennai - B.E. in Electronics and Communication

Jun 2017 - Apr 2021

- CGPA: 7.5/10
- Coursework: Computer Networks, Object-Oriented Programming, Data Structures and Algorithms, Artificial Intelligence, Operating Systems, Database.

WORK EXPERIENCE __

Anur Cloud Technologies Pvt Ltd - Software Engineer

Chennai, India Jun 2022 - Present (3 yrs)

- Engineered high-performance, component-driven UIs for financial platforms using React, HTML, CSS, JS, and AJAX — improved page load speed by 30% and minimized DOM rendering issues, enhancing UX across 5+ modules.
- Implemented secure RESTful APIs and streamlined frontend-backend communication — reduced API failure rates by 40% and cut debugging time by 20%, accelerating feature rollouts.
- Led POCs for KYC onboarding using React, Node.js, improving customer acquisition by 25% via faster ID verification and streamlined flows.
- Awarded Employee of the Month (Jan 2024) for delivering features twice as fast as sprint targets and resolving >95% of high-priority bugs within deadlines.
- Led code reviews and mentored juniors, enforcing coding standards—cut production bugs by 15% and boosted sprint velocity.
- Reduced UI load time by 40% using on-demand asset loading, route-based code splitting, and lazy loading — improved TTI metrics and overall user experience.
- Delivered 10+ client-facing modules with full WCAG accessibility. GDPR compliance, and cross-browser compatibility, improving usability for diverse audiences and reducing legal risk.

Skills

Frontend Development: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, SASS, Material UI, Styled Components

State Management: Redux Toolkit, React Context API, React Query

UI/UX & Animations: Framer Motion, Responsive Design, Cross-Browser Compatibility, Accessibility (WCAG)

Testing & Debugging: Jest, React Testing Library, Chrome DevTools, Postman

Tools & Workflow: Git, GitHub, VS Code, Prettier, ESLint

Soft Skills: Team Collaboration, Client Communication, Code Reviews, Mentorship

Certifications _

Introduction to Web Development with HTML, CSS, JavaScript – IBM Verify 🗹	Oct 2024
Developing Front-End Apps with React – IBM Verify <a>IBM Verify	Oct 2024
Developing Back-End Apps with Node.js and Express – IBM Verify ☑	Oct 2024
Application Development with SQL and Databases – IBM Verify 🗹	Oct 2024
Getting Started with Git and GitHub – IBM Verify <a>IBM Verify <a>IBM Verify<th>Oct 2024</th>	Oct 2024

Projects _____

Anur Cloud Technologies Pvt Ltd - Client Projects

- SBIL Video KYC Insurance KYC Verification Platform
 Built a secure, scalable video KYC system with ReactJs, streamlining onboarding for 1000+ agents.
 Integrated real-time video recording, facial expression detection, and responsive UI across devices.
 Enabled agent-customer interaction via Socket.io-powered video calling, reducing average verification time by 35%.
 Orchestrated end-to-end communication with SMS/email alerts, ensuring compliance with IRDAI KYC standards.
- ONGO Video KYC Cardholder Verification Platform
 Created a real-time user enrollment app with KYC document validation, video recording, and emotion detection using React and Node.js.
 Enabled agent-customer calls via Socket.io, Architected verification workflow by 40% and ensuring full compliance with regulatory standards.
- Allianz Welcome Call Customer Intake System
 Innovated a multi-step onboarding system with React and JavaScript to accurately capture personal, policyholder, and nominee data. Integrated real-time validation and step-wise navigation, lowering input errors by 25% and boosting form completion rate by 30%.
- Allianz Agent Card Agent Registration Workflow
 Constructed a React-based platform for agent enrollment and identity verification, enhancing data entry speed by 35% through optimized forms and custom validations.
- **PMLI PIVC** *Policy Verification and Consent Application*Produced and launched a React-based digital consent app capturing nominee details and video consent with face detection, boosting verification efficiency by **30%** and ensuring cross-browser compatibility with minimal load time.

Personal Projects _____

Tap-To-Taste - Smart Restaurant Ordering App

MERN Stack

- Engineered a efficient restaurant platform enabling real-time cart updates, secure transactions, and scalable menu rendering using the **MERN stack**.
- Spearheaded intuitive search, review, and filter modules with persistent state logic, increasing user retention by 25%.
- Assembled robust frontend and backend infrastructure with React, Tailwind CSS, Node.js, PostgreSQL, and deployed Stripe for multi-mode payment processing.
- Optimized performance through **Framer Motion** enhancements and fortified security using **JWT**, **CORS**, and role-based access, cutting average load time by **20%**.