

VARUNKUMAR YENNI

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SUMMARY

Experienced front-end developer with 2.5+ years of expertise in building seamless and user-friendly web applications using React.js, HTML, CSS, and JavaScript. Skilled in responsive design, cross-browser compatibility, integrating RESTful APIs and performance optimization. Adept at collaborating across teams to deliver high-quality software solutions that enhance operational efficiency and user experience. Seeking a challenging role to build on technical skills and contribute to innovative projects in a fast-paced environment.

TECHNICAL SKILLS

Frontend Technologies:	JavaScript (EcmaScript6), React.js, Redux, JSX, HTML5, CSS3, SCSS, TypeScript, MJML, AJAX
Build Tools:	Webpack, Babel, NPM
Backend Technologies:	Node.js
Testing:	Jest, Enzyme, React Testing Library
Other Skills:	C++, C, Data Structures & Algorithms, System Design, Git, GitHub

WORK EXPERIENCE

AMERICAN EXPRESS INDIA PVT. LTD – ENGINEER II

AUGUST 2022 - PRESENT

- Managed full development lifecycle from planning to implementation, ensured thorough management and timely delivery in an enterprise application with 1000 plus active users.
- Collaborated closely with cross-functional teams, including product managers and back-end developers, to gather requirements, troubleshoot issues, and deliver solutions aligned with business goals.
- Led Proof of Concepts to evaluate optimal solutions, 100% system migrations from legacy systems and conducted code reviews.
- Developed reusable React components for Interactive form rendering, enhancing user experience and interface flexibility, with 80% code coverage through rigorous unit testing.
- Conducted technical interviews to identify and recruit top talent, contributing to building a high-performing team, Mentored interns and junior developers on React.js.

PROJECT SUMMARY

SELF SERVICE TOOL - React based micro front end application

- Built a tool for AMEX enterprise usage to generate communication templates for different modes of channels, improving operational efficiency by 30%.
- Enhanced advanced template customization features like custom date formatting, number formatting, integrated RESTful APIs and designed letter layouts for 20 plus global markets.
- Conducted rigorous unit and integration testing, achieving 90% coverage for frontend components to ensure reliability.
- Analyzed and optimized application performance to support high-volume communication assembly (6000 requests per minute).

EAGER ASSEMBLY - A pre-assembly process for faster assembly of enterprise communications

- Designed and implemented a new system architecture to fasten communication assembly process using frontend and backend technologies.
- Optimized communication assembly time, reducing it from 2 seconds to 100 milliseconds per template, achieving substantial performance gains.
- Leveraged React Server-Side Rendering (SSR) to improve performance and SEO for the communication assembly interface.

FLUID CONTENT - An authoring tool that helps in reusing the content across templates.

- Innovated and engineered a tool that enables authors to create reusable content to use in different templates through a dedicated Id generated during fluid content creation.
- Fluid Content Creation resulted in 50% reduction of time for authoring content.

RETROFIT LETTERS - A migration tool to retrofit letter communications for faster assembly

- Built and transformed the Retrofit Letters migration tool that provides enhanced capabilities and removes limitations present in the legacy application.
- Ensured seamless integration of the migrated templates with the new eager assembly engine, enabling faster and more effective communication builds.
- Implemented thorough data validation checks to ensure the accuracy and completeness of the templates.
- Seamlessly migrated 360 plus templates.
- Created detailed technical documentation outlining the migration process, tool functionality, and best practices for usage.

ACHIEVEMENTS AND RECOGNITIONS

- Won Second Prize in American Express Hack Fest for building a micro front-end editor to help reuse 5000 plus communication templates for customer care executives.
- Recognized as a Quick Learner and Trendsetter for exemplary performance on a project, showcasing versatility and innovation.
- Awarded Brainiac for exhibiting problem-solving and innovation and for contributing to improving the assembly performance by 90%.

EDUCATION

2018-2022 - Bachelor of Technology in Electronics and Communication, NIT Trichy
2015-2017 - Intermediate (12th) in MPC, Narayana Junior College
2014-2015 – SSC (10th), Navodaya High School

CGPA: 7.23
Percentage: 98.8%
CGPA: 10