Varunkumar Yenni

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PROFESSIONAL SUMMARY

Systematic and articulate **Front-end React Developer** with 3 Years of Experience of working in the Financial Technology industry, demonstrating up-to-date technical expertise in designing and developing user interfaces using **React and JavaScript with seamless API integration**.

WORK EXPERIENCE

Software Engineer 2   Sept 2024 — Present
American Express   *Bangalore*

- Developed and deployed a **Shared Content authoring tool** enabling reusable content blocks via unique IDs, cutting authoring time by **50%** and standardizing messaging across global templates.

- Built an internal analytics tool to track Shared Content usage across templates, enabling audit trails and traceability of reused content in 1,000+ communications, and supporting compliance during regulatory reviews.

- Designed and implemented a complete migration flow to upgrade 2000+ letter templates, enabling auto-downloaded PDF previews and 5+ real-time validation steps, while decommissioning a legacy authoring tool—resulting in a **90%** reduction in manual review effort and faster roll-out of template changes.

Software Engineer 1   Aug 2022 — Sept 2024
American Express   *Bangalore*

- Integrated advanced customization features like date/number formatting and **REST API** support across **20+ global markets**, improving localization readiness and reducing template turnaround time.

- Engineered a reusable module for authoring cheque layouts in letter templates, integrating MICAR font for precise cheque numbering and Chinese Sung for specialized symbols, enabling standardized rendering and facilitating the **decommissioning of legacy cheque printing** systems, reducing maintenance overhead by **40%**.

SKILLS

Programming Languages	JavaScript, TypeScript, HTML5, CSS3, C++, C, MJML
Technologies	React, Redux, Node.js, Express.js, AJAX, Webpack, NPM, Babel
Testing	Jest, Enzyme, React Testing Library
Cloud and DevOps	AWS (familiar), Supabase, CI/CD (Jenkins), Git, GitHub
Other	REST API Integration, LLM/AI API Integration, Responsive Design, Accessibility

EDUCATION

National Institute of Technology, Tiruchirapalli   Aug 2018 — May 2022
Bachelor of Technology in Electronics and Communications Engineering   Tiruchirapalli, India

PROJECTS

Gk Daily Insight Hub - Github . Live

- Architected and implemented a full-stack AI-powered platform using React (Vite), Node.js, Express, Supabase (Auth + Postgres), Hugging Face (BART), and Groq APIs to automatically fetch and summarize 100+ daily news articles, enabling real-time access to UPSC-filtered content, bookmarkable UI, and auto-generated quizzes with 80+ questions.

Personal Portfolio - Github . Live

- Designed and developed a visually immersive, space-themed personal portfolio using React, CSS, and Framer Motion, featuring custom animations, responsive design, accessibility best practices, and optimized SEO for enhanced discoverability across devices.

AWARDS

- Won **Second Prize** in American Express **Hack Fest** for building a micro front-end editor to help reuse **1000 plus communication templates** for customer care executives.

- Received **Blue Rewards** from Director and Product of American Express for delivering a tool that reduced template authoring time as a token of appreciation.