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Profile Summary

Frontend Engineer with 3.5 years of experience building fintech products at TSYS. Specialized in React/TypeScript and cloud architecture. Reduced infrastructure costs by 80% through AWS migration and accelerated team delivery by 60% with reusable component systems. Strong focus on performance, scalability, and developer experience.

Experience

TSYS - Global Payments (Acquired by FIS Global, 2026)

Jul 2025 – Present

Software Engineer

Noida, India

- Architected migration of Digital Engagement apps from on-prem servers to AWS S3 + CloudFront, reducing infrastructure costs by ~80% and improving scalability.
- Engineered reusable UI framework components adopted org-wide, standardizing design and reducing code duplication; accelerated feature delivery by ~60%.
- Authored detailed Storybook documentation for legacy frontend framework, reducing onboarding/debugging time by ~60%.
- Fixed UI framework security vulnerabilities, resolving 90% of identified issues through systematic testing and code remediation.
- Optimized React application performance using useMemo, useCallback, React.memo, and React.lazy, reducing render times and improving user experience.
- Implemented WebSocket integration using Socket.io library for real-time frontend data updates.
- Built a chatbot for Digital Admin using AWS Bedrock and S3 vector store for embeddings.
- Developed REST APIs with Java Spring Boot for centralized user management across all applications.

TSYS - Global Payments

Jul 2022 – Jul 2025

Associate Software Engineer

Noida, India

- Developed SaaS modules (e.g., Digital Admin) with a config-driven UI enabling scalable user/application management.
- Led "Figma-to-Code" POC integrating Figma MCP server + GenAI, reducing developer effort for new screens by ~60% and improving productivity by ~70%.
- Built "Determinator (Magnon)"—an internal UI code editor running proprietary scripts—streamlining internal team workflows.
- Designed and implemented User Management Wave screens including Role Association view and Edit functionality for user administration module.
- Delivered end-to-end Microsite development with comprehensive testing coverage including Jest unit tests and Cypress E2E test implementation.
- Recognized with **Bravo award** for exceptional dedication and taking on additional project responsibilities beyond core assignments.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Java

Frontend Technologies: React.js, Redux, Storybook, Bootstrap, HTML5, CSS3, SASS, Socket.io

Backend: Java Spring Boot

Testing: Jest, Cypress, Enzyme, React Testing Library

Cloud & DevOps: AWS (S3, CloudFront, Bedrock), Docker, Git, CI/CD

Tools: Figma, VS Code, Chrome DevTools, Postman

Education

Amity University, Noida

Jul 2018 – Jul 2022

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.69/10

- Relevant Coursework: Data Structures & Algorithms, Databases, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advanced Algorithms.