

Sidharth Satapathy

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PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years leading high-impact initiatives in scalable web architecture, performance optimization, and cross-functional team collaboration. Proven track record of driving 80%+ performance improvements, establishing engineering excellence across teams, and architecting solutions that serve millions of users. Expert in modern JavaScript ecosystems, microfrontend architecture, and delivering measurable business outcomes through technical leadership.

WORK EXPERIENCE

Software Development Engineer II, Tekion

Jun 2024 – Present

- Architected no-code configuration system for dynamic forms and custom fields, reducing partner onboarding time by 60% and eliminating engineering dependency for business-driven customizations
- Drove 80% performance improvement (15s to 3s page loads) across customer and vendor modules through strategic code optimization and refactoring, directly impacting user satisfaction metrics
- Built a unified guest profile service to consolidate customer data, enabling seamless data synchronization and improved user experience
- Designed secure PII attachment workflows and transaction tracking systems to ensure data privacy and regulatory compliance
- Improved test coverage from 18% to 95% by introducing a comprehensive testing framework across multiple repositories

Software Development Engineer II, Innovaccer

May 2021 – Mar 2024

- Elevated code quality and performance across 20+ repositories serving 75+ healthcare clients and 36M+ patient records, increasing code coverage from 18% to 95% and reducing bundle size by 90% through systematic optimization
- Launched InCode GPT (ChatGPT-powered coding assistant) and performance monitoring system, improving developer productivity and event tracking accuracy
- Led migration to microfrontend architecture, addressed accessibility compliance (WCAG 2 AA), and reduced Docker image size by 25% through optimization strategies

Senior Software Engineer, ZopSmart (Kroger)

May 2020 – May 2021

- Led componentization project for Kroger e-commerce platform, delivering scalable solutions that supported a 92% surge in sales during the pandemic
- Achieved full test coverage and comprehensive documentation, ensuring quality and maintainability for the FMCG market requirements
- Conducted accessibility audits and remediated issues to meet WCAG 2 Level AA standards, enhancing usability for physically challenged customers

Software Engineer, Goibibo

Jul 2019 – Mar 2020

- Delivered critical flight booking features and architected internal navigation framework for platform serving 11M+ customers, enabling faster feature development across 3 product teams
- Refactored legacy codebase to React v16 using Hooks and Higher-Order Components (HOCs), improving maintainability and performance significantly

- Optimized web application performance, achieving up to 9X improvements in load times through strategic refactoring and optimization techniques

Software Engineer, Playment

Dec 2018 – May 2019

- Developed advanced 2D and 3D annotation and segmentation tools used for autonomous vehicle datasets
- Created Sketch plugin automation to streamline the design-to-development workflow, reducing manual effort

Associate Software Engineer, Juspay

Dec 2017 – Dec 2018

- Developed Sketch plugin to auto-generate PureScript UI code using Objective-C and CocoaScript, improving development efficiency
- Integrated Juspay payment SDK into Goibibo payment system, implementing fragment-based architecture for improved user experience

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS

Technologies: React, React Native, Node.js, Redux, Gatsby, GraphQL, Docker, Kubernetes, MongoDB, Jest, Enzyme, Webpack, Figma, Mixpanel, Kibana, New Relic

EDUCATION

- **Project Management Executive Programme, IIM Kashipur** **2022**
- **B.Tech, Computer Science & Engineering, ITER** **2014 - 2018**
CGPA: 8.5

PROJECTS

Founder, Codex (College Coding Club)

2015 – 2018

- Founded and led college coding club, organizing workshops, hackathons, and coding competitions to foster technical skills among students