

DEEPAK SURYA

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React | Gen AI | Typescript | Design systems

Full-Stack Engineer with 7+ years of experience building and owning software end-to-end at high-growth fintech companies. Known for embedding directly with business stakeholders, learning domains deeply, and translating ambiguous requirements into working software fast. Architected AI-augmented platforms cutting feature delivery by 95% and led development initiatives spanning frontend, backend, and business discovery in domains ranging from capital markets to low-code developer tooling.

PROFESSIONAL EXPERIENCE

Yubi (Formerly CredAvenue) - Chennai, Tamil Nadu

Lead Engineer

May 2025 - Present

- **Designed and built** an Inventory Management and Operations platform for Aspero and YubiMarkets, replacing spreadsheet-based workflows with a governed, auditable system with built-in analytics. Led the frontend entirely and coordinated two backend developers to deliver the full stack (React + Spring Boot). Worked directly with Operations stakeholders across both businesses to discover requirements, understand the Bonds domain deeply, and translate business needs into working software. Currently in daily use across the YubiMarkets operations team.
- **Co-led creation of an AI-augmented underwriting platform** that transformed rigid engineer-dependent workflows into dynamic, user-configurable solutions. **Cut feature delivery time by 95%** (7-30 days → <1 day), enabling business teams to build and deploy new underwriting capabilities without engineering intervention.

Senior Software Engineer

Dec 2022 – May 2025

- **Built Phoenix Codie**, an automated code development platform; supported **30+ UI components** that are **100%** aligned with the in-house design-system and coding standards.
- Achieved 80% reduction in development time across Yubi group companies, with Phoenix Codie becoming the standard code generation tool for 15+ development teams and accelerating time-to-market by 40-60% per feature.
- **Engineered a scalable design system** with React + TypeScript, ensuring consistent and accessible UI across products.
- **Created** plug-and-play React modules; **cutting API calls by 60%** via async auto-save, boosting speed and reliability.
- **Established coding standards & branching strategy**, improving code quality, PR velocity, and maintainability across teams.

Software Engineer

July 2021 – Dec 2022

- **Rebuilt Marketplace's signup and onboarding flows** (frontend), and reduced onboarding time from hours to ~3 min and cutting errors by 95%+.
- Lowered support tickets to 1-2 per month, improving user activation.

- **Implemented HubSpot integration** (frontend + backend) to automate customer onboarding, reducing manual steps by 80% and enabling real-time data sync.

Thingks Infomatics (*monkeycap.com*) - Chennai, Tamil Nadu

Software Engineer

Jan 2020 – June 2021

- Rebuilt user account service using React's Context API, **eliminating 1000+ lines of legacy code**.
- Redesigned core customer management system for PoSP platform in collaboration with Enterprise Architect, migrating user profiles to new architecture.
- Refactored shared business logic across 4 microservices and Spring batch processing, creating a reusable library that eliminated duplicate code across services.

Finoptiz Infotech - Hyderabad, Telangana

Software Engineer

Dec 2018 – Oct 2019

- Built a full-stack inventory management platform for a premium automotive dealer reducing manual data entry by 70% and improving order processing speed by 3x.
- Represented a 5 person development team at stakeholder meetings, successfully delivering 2 project milestones on schedule.
- Developed responsive web applications using Laravel PHP, MySQL, and VueJs.

PROFESSIONAL SKILLS

- **Core Frontend:** React, TypeScript, Redux, Context API, Next.js, React Native Web, Design Systems, Accessibility, Storybook
- **AI & Innovation:** Generative AI, Context Engineering, Low-Code/No-Code Design Workflows
- **Backend & Architecture:** Java Spring Boot, NodeJs, PostgreSQL, Microservices, WebFlux, R2DBC, Solidity, IPFS

ACHIEVEMENTS

- 3rd Place, Company Hackathon: Co-led the creation of an AI-augmented underwriting platform that enabled non-engineers to deploy custom underwriting workflows, cutting feature delivery time by 95%.
- [Technical Blog](#) Author: Published an engineering article detailing the Phoenix Codie architecture, a low-code code generation system that improved developer productivity by 80%.