

SHINE MATHEW

Senior Frontend Engineer | Enterprise Product Architecture

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 5+ years of experience architecting and delivering complex enterprise-grade products across financial services, decision intelligence, and automation platforms. Proven expertise in designing scalable UI architectures, trading systems, portfolio analytics, and end-to-end automation solutions. Strong track record of translating ambiguous business requirements into high-performance, user-centric digital products while collaborating effectively with cross-functional teams and stakeholders.

CORE SKILLS & EXPERTISE

Frontend & Architecture: React.js, JavaScript (ES6+), TypeScript, Redux, Next.js, HTML5, CSS3, Material UI, Jest, Electron

UX & Product Design: Design Systems, UX Architecture, Figma, Accessibility Standards, Responsive Design

Platforms & Tools: REST APIs, Git, Azure DevOps, Application Insights, CI/CD Pipelines

Domain Expertise: Trading Platforms, Portfolio Analytics, Finance Automation, Decision Intelligence, Enterprise Systems

PROFESSIONAL EXPERIENCE

Corestrat | Senior Frontend Engineer | September 2022 – Present

- Architected and developed IntelliDecision.ai, an Electron-based intelligent decision-making desktop platform, leading 60% of frontend development with secure state management and offline capabilities for enterprise users.
- Designed and delivered the Marketing & Client Review Portal, enabling end-to-end invoice verification, approvals, and collaborative review workflows with intuitive interfaces that improved stakeholder engagement by 40%.
- Developed data import and integration modules for Rule.ai, transforming complex multi-source datasets into user-friendly visual experiences with seamless rule configuration capabilities.
- Lead and mentor a team of 4-5 frontend engineers through code reviews, design discussions, and sprint planning, fostering technical excellence and collaborative problem-solving across multiple product lines.
- Enhanced application performance by 35% through architecture improvements, comprehensive code reviews, and optimization strategies that reduced load times and improved workflow responsiveness.
- Integrated Azure Application Insights for production monitoring, diagnostics, and reliability tracking, significantly improving incident response time and system observability for enterprise clients.

Corestrat | Frontend Engineer | September 2020 – August 2022

- Developed the Portfolio Analyzer Platform (PAP) for US stock markets, building dynamic visual dashboards that enabled real-time performance tracking and data-driven investment decisions.
- Engineered the Digital Lending Automation (DLA) platform for NBFC clients across web and mobile, streamlining loan processing workflows with responsive design and optimized API integrations.
- Architected modular, scalable frontend solutions using React and modern frameworks, ensuring code maintainability, reusability, and seamless data-driven rendering across multiple applications.
- Implemented mobile-first development approach, achieving pixel-perfect responsiveness and consistent user experience across devices, screen resolutions, and platforms.
- Collaborated with UX designers to convert wireframes into high-fidelity, accessible interfaces, ensuring design consistency and optimal user experience across web and mobile platforms.

KEY PROJECTS

FinSight – Trading & Portfolio Intelligence Platform

Role: Senior Frontend Engineer / Frontend Architect | **Domain:** US Equities, Crypto Assets, Economic Intelligence

- Architected the complete frontend foundation for a multi-asset trading and portfolio intelligence platform serving US markets, covering equities, crypto, earnings calendars, and macroeconomic event tracking.
- Designed event-driven user experiences connecting earnings announcements and economic indicators directly to price action and portfolio exposure, reducing user context switching by 40% and improving decision-making efficiency.
- Owned critical frontend architecture decisions including component hierarchy, state management strategy with Redux, performance optimization techniques, caching strategies, and long-term scalability planning.
- Built insight-first dashboards prioritizing decision clarity over indicator overload, implementing advanced data visualization using real-time WebSocket connections for live market data and portfolio updates.
- Collaborated closely with US stakeholders, product owners, and backend teams to refine requirements, validate UX flows, and ensure delivery timelines aligned with investor workflows and market requirements.

Finance Automation Platform – Enterprise Finance Systems

Role: Senior Frontend Engineer / UI Architecture Owner | **Domain:** Invoice Processing, Payroll Automation, Accounting Integrations

- Led complete frontend architecture for a comprehensive finance automation platform built for a leading US-based parcel and logistics management firm, handling end-to-end financial workflows and operations.
- Designed and implemented sophisticated UI systems supporting automated invoice processing, payroll management, journal entry integrations with QuickBooks, Xero, and Zoho Books, payment reminders, tax configurations, and multi-level approval workflows.
- Architected rule-based decision flows, complex approval hierarchies, and audit-ready interfaces ensuring regulatory compliance, complete financial traceability, and operational reliability across all accounting processes.
- Improved automation efficiency by 30%, significantly reducing manual data entry, eliminating processing errors, and accelerating financial execution speed and accuracy for enterprise-scale operations.
- Worked directly with finance teams, compliance officers, product stakeholders, and backend engineers to align user workflows with real-world accounting standards, tax regulations, and enterprise compliance constraints.

EDUCATION

Master of Computer Applications (MCA) | Christ University, Bangalore

Bachelor of Computer Applications (BCA) | Christ University, Bangalore

CERTIFICATIONS

- Foundations of User Experience (UX) Design – Google (Issued October 2025)
- Figma Workshop – GrowthSchool (Issued January 2025)