

Akshaykumar Lilani

Senior Software Engineer (Frontend)

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Summary

Senior Frontend Engineer with **3+ years** of experience specializing in **React, Next.js, Typescript** and **scalable UI architecture**. Engineered the **core frontend system** for a major cinema network, enabling the management of **15,000+ users** and **MUR 109M+** in annual sales. Delivered critical performance wins by reducing page load times by **98% (60s to <2s)**. Looking for a **long-term engineering role** to build robust web applications where I can enforce high code quality and drive architectural stability.

Technical Skills

- **Frontend:** React, Next.js, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/Sass, Tailwind CSS, Ant Design, Material-UI, Bootstrap, shadcn/ui, Recharts, Figma, Ant Design Charts
- **Backend:** Python (Django & Django REST Framework), Node.js (Express.js), Celery
- **Databases:** PostgreSQL, MongoDB, Microsoft SQL Server, Redis
- **DevOps:** Docker, Git, Nginx, AWS S3, AWS EC2, Sentry, Jira, CircleCI, Github Actions, LogRocket, letsencrypt, pm2, supervisorctl, contabo
- **AI Tools:** Claude Code, Cursor, Antigravity, Gemini CLI, Codex CLI, CodeRabbit, MCP

Experience

- Kognitos Remote / Contract
Sep 2025 - Nov 2025
Senior Frontend Engineer
 - To scale for enterprise adoption, the platform required a robust security infrastructure (RBAC) and granular usage visibility (Analytics) that the existing Product lacked, all within a tight 2-month deadline.
 - Delivered **50+ merged PRs** and **+31,003 lines of code**, directly enabling the onboarding of large-scale clients via granular permission management and unlocking revenue transparency through data visualization.
 - As the **sole Frontend owner** across two cross-functional teams, I drove the end-to-end architecture, implementation, and E2E testing for both modules.
 - **Tech Stack:** React, TypeScript, Apollo GraphQL, Recharts, LaunchDarkly, Cypress, and Jest.
- Teson LLP Thane, Maharashtra
Sep 2022 - Jul 2025
Senior Software Engineer (Frontend)
 - While contributions spanned **15+ Full-Stack and Frontend projects**, the following selected works demonstrate specific expertise in System Architecture and Performance Engineering:
 - Project: MCine (Enterprise Cinema Management Platform)
 - Architected and built a **React** foundation of a centralized Admin Suite to enable theatre staff to manage complex, multi-location operations – from movie/show scheduling and theatre configuration to financial reporting.
 - The Admin Suite now serves as the operational backbone for the entire cinema network, managing inventory for **15,000+ consumer users** and enabling the processing of **~MUR 109 Million** in annual sales.
 - Engineered a **Drag-and-Drop Seat Layout Editor** and a **Timeline-based Show Scheduler** in React, solving complex state management challenges to allow dynamic hall configuration..
 - Designed and implemented a deep **Role-Based Access Control (RBAC)** system, allowing administrators to configure granular permissions & roles for different staff levels across local and central servers.

- Developed a high-performance **Analytics Dashboard** visualizing 20+ financial reports (Heatmaps, Occupancy, Sales) using **Ant Design Charts**, transforming millions of data points into actionable operational insights.
 - Tech Stack:** React, Typescript, Redux Toolkit, Ant Design, Ant Design Charts, WebSockets, Bootstrap, Python / Django Rest Framework, nginx, Docker, pm2, Celery, Redis
- Project: Bodhitree (LMS for IIT Bombay)
 - Led the strategic **Frontend Refactor** of a legacy learning application, resolving critical technical debt and outdated UI patterns to significantly improve navigability and maintainability.
 - Re-Designed and implemented a new **Student Dashboard and Course Player architecture**, enabling seamless navigation across videos, documents, and quizzes with consistent state management.
 - Reduced **Client-Side** bundle size by **~25%** through code splitting, dependency optimization, and removal of obsolete libraries, improving initial load time and runtime performance.
 - Modernized the **Frontend Developer Experience (DX)** by introducing Husky pre-commit hooks and custom ESLint rules to enforce strict coding standards and prevent anti-patterns.
 - Led and mentored **3 IIT Bombay interns and 2 junior engineers**, managing task breakdowns, conducting code reviews, and ensuring timely delivery of the redesigned learning experience.
 - Tech Stack:** React, Redux, Craco, ESLint, Husky, nginx, Docker, pm2
- Stocks & Codes Remote / Freelancing
Independent PineScript Developer & Intraday Trader *Aug 2019 - Aug 2022*
 - Open Source:** Published a popular 'Time and Sales Window' indicator on Trading View, receiving over **900 community boosts** for its utility.
 - Developed custom financial data visualization tools and proprietary indicators using **PineScript** on the TradingView platform.
 - Completed 10+ PineScript projects for two long-term clients on Upwork
- Accenture Navi Mumbai, Maharashtra
Application Developer Associate *Oct 2018 - Aug 2019*
 - Provided support for a major US Utilities Client.

Education

- Vivekananda Education Society's Institute of Technology Mumbai, Maharashtra
Bachelor of Engineering in Information Technology *Aug 2014 - May 2018*