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EXPERIENCE

Teson

Thane, Maharashtra

Senior Software Engineer

Sep 2022 – Present

Senior Software Engineer (Mar 2024 – Present)

* Project: Enterprise Cinema Management Platform

- Built the admin interface from scratch — used for setting up theatres, managing users and roles, handling shows, viewing reports and audit logs, pushing remote deployments to local servers, and managing shared platform data.
- Built a complete gift card and wallet payment system from the ground up, taking care of everything from making the cards and redeeming them to adding them to the final checkout flow.
- Designed and built a detailed Role-Based Access Control (RBAC) system for both frontend and backend services to make sure that features and data are only accessible to the right people.
- Optimized backend payment APIs, which helped cut order creation time by around 70% (1107ms to just 184ms).
- Designed and developed a reporting suite with 20+ reports like Sales Reconciliation, Occupancy Heatmaps, and Theatre Performance, along with PDF and Excel export options.
- Set up Sentry for real-time error tracking and wrote scripts to automate nightly server restarts and maintenance, which helped improve system stability and reliability.

* Project: Internal Analytics & Cost-Saving Platform

- Led a big performance revamp of backend APIs — brought down key data fetch times from 3+ minutes to under 8 seconds, which made the frontend much faster for 500+ users.
- Reworked the platform to support multiple tenants, which made it possible for a second team to use it and also helped save on Salesforce licensing by moving view-only users to this tool.
- Optimized a Python-based RPA script, reducing the time to fetch 4,000+ daily records from Salesforce APIs from 40+ minutes to under 8 minutes.

* Project: Multi-Tenant Insurance Brokerage Platform

- Built the main frontend for a multi-tenant insurance broker platform using Next.js — started from scratch and made sure the codebase stayed clean, scalable, and maintainable.
- Led the full stack development of the core 'Placings' and 'Cases' modules, building both intuitive UIs and robust backend APIs.
- Set up state management using Redux Toolkit along with IndexedDB to make sure large, complex forms could save data offline without breaking.

Software Engineer (Sep 2022 – Mar 2024)

* Project: University E-Learning Platform

- Upgraded the frontend stack by moving from Node.js v14 to v18 and switching the build system from Webpack to Craco. Also added code-splitting, which cut down the main JS bundle size by around 25%.
- Set up ESLint and Husky with custom rules (like replacing console.log with loglevel) to keep code quality high and avoid sending logs to production.
- Improved offline access and page loading by tweaking the service worker to use a Network First caching strategy.

* Project: Real Estate Marketplace

- Worked on improving frontend performance — brought page load time down from 60 seconds to under 2 seconds (a 98% improvement) by lazy-loading assets and optimizing images with WebP.
- Integrated Elasticsearch into the property search flow, which made searches faster and results more relevant for users.
- Built several user-facing features from scratch, like an interactive EMI calculator and a “view history” section to help improve engagement.

* Project: Client Marketing & Portfolio Websites

- Built a marketing site for a VR horror game with spooky UI and interactive animations to boost engagement on the Oculus platform.

- Created a responsive portfolio site for an architecture firm — added Google Maps for showing locations and used Google Sheets API to capture leads smoothly.
- Designed a landing page for a parent tech company to showcase its brand — used Particle.js for a visually dynamic UI.

• Self-Employed

Ulhasnagar, Maharashtra

Intraday Equities Trader & PineScript Developer

Aug 2019 – Aug 2022

- **FinTech Tooling:** Developed custom data visualization tools and indicators for market analysis using JavaScript and PineScript, enhancing the user interface and data interpretation for trading strategies.
- **Open Source:** Published a popular 'Time and Sales Window' indicator on TradingView, receiving over 600 community boosts for its utility.

• Accenture

Navi Mumbai, Maharashtra

Application Developer Associate

Oct 2018 – Aug 2019

- **Data Management & Reporting:** Utilized SQL and SQL-Server Reporting Services (SSRS) to create client-facing performance dashboards and reports, translating complex data into user-friendly visualizations.

KEY SKILLS

- **Frontend:** React, Next.js, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/Sass, Tailwind CSS, Ant Design, Material-UI, Bootstrap
- **Performance:** Web Performance Optimization, Lazy Loading, Code Splitting, Lighthouse
- **Backend:** Python (Django REST Framework), Node.js (Express.js)
- **DevOps & Tools:** Docker, Git, Nginx, AWS S3, Sentry, Jira, Figma

EDUCATION

• Vivekananda Education Society's Institute of Technology

Mumbai, Maharashtra

Bachelor of Engineering in Information Technology; CGPA: 7.78

Aug 2014 – May 2018