LABESHWAR

Software Engineer

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CAREER SUMMARY

Full-stack Software Engineer with around 3 years of experience in designing and building enterprise-grade fintech applications using **React**, **Next.js**, **TypeScript**. Delivered scalable solutions under tight deadlines while maintaining clean architecture and high code quality.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Java
- **Frameworks & Libraries:** React, Next.js, Node.js, Express.js, Material UI, Tailwind CSS, Redux, Zod, Zustand
- **Web Services:** REST API, Signal R, Socket.io Axios, React Query
- UI **Libraries:** Tailwind CSS, Material UI, Ant D, React Bootstrap, Shad CN
- **Tools:** VSCode, Github, Git, Bitbucket, Remix
- **Others:** Prisma, MongoDB Atlas, Ether.js, OOP

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER: Paysyslabs | Karachi, (Onsite)   **Oct 2023 - Present**
- Led end-to-end development of international acquiring suite, scaling local platform to international market demands within 2.5 months.
- Delivered Back Office (merchant management) and Merchant Portal (transaction dashboard) through weekly sprint cycles.
- Architected reusable Base API class with error handling, authentication, and response transformation.
- Implemented Container/Presentation pattern for improved testability and code reusability.
- Applied Adapter pattern to standardize third-party payment gateway integrations.
- Built dynamic multi-step Merchant Onboarding with conditional fields, validations, and role-based access.
- Created responsive Merchant Portal with transaction monitoring, transfers, withdrawals, and dashboards.
- Implemented unit testing strategy across all modules for quality assurance.
- Designed optimized database schemas for multi-tenant international operations.
- Integrated React Query for efficient state management and reduced API calls.
- Built TOTP two-factor authentication using Node.js, Express, and Speakeasy.
- Automated SFTP processes with Node.js cron jobs, eliminating manual work.
- Optimized legacy systems for faster performance and cleaner architecture.
- Integrated Spring Boot REST APIs for payment processing and data services.

FRONTEND DEVELOPER: Transviti | Karachi (Hybrid)   **July 2023 - Sept 2023**
- Built TaskVare dashboard with drag-and-drop functionality using React DnD, allowing users to customize layouts per individual preference.
- Implemented end-to-end real-time messaging system using SignalR with skeleton loaders for enhanced UX.
- Developed responsive, modern UI components using Material-UI, Redux for state management, and g2Plots for data visualization.
- Optimized component rendering and implemented code-splitting strategies for improved application performance.

PROJECTS

Acquiring Suite: (Professional Project) Tech Stack: TypeScript, Next.js, React, Redux, Zustand, Zod, React Query, Ant Design, Tailwind CSS, Node.js, SQL, Oracle, Jest
- Architected and delivered two core modules within aggressive 2.5-month timeline through structured weekly sprints:
- Back Office: dynamic multi-step onboarding, bulk QR generation, till handlers, transaction monitoring, and role-based permissions.
- Merchant Portal: Modern, responsive merchant dashboard for transaction viewing, payment transfers, withdrawals, and real-time analytics.
- Implemented config-based architecture enabling rapid deployment across different banking environments without code changes.
- Designed scalable database schemas optimized for multi-tenant operations and international transaction volumes.
- Established comprehensive unit testing coverage ensuring code reliability and facilitating continuous integration.
- Integrated React Query for optimized data fetching, caching, and synchronization across complex application states.

TaskVare: (Professional Project) Tech Stack: React, Redux, Material-UI, SignalR, g2Plots, Node.js
- Developed modular, customizable dashboard with drag-and-drop layout functionality unique to each user.
- Built real-time messaging system with SignalR integration, enabling instant communication and collaboration.
- Created interactive data visualization components using g2Plots for project analytics and reporting.

EDUCATION

Bachelors in Computer Science (3.93/4.0 CGPA) | University of Sindh   2020 – 2023