OSAMA AYAZ

Senior Frontend Engineer | React & TypeScript, Java

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with **4+ years of experience** building scalable, high-performance web applications using **React and TypeScript**. Strong expertise in **component-driven UI, state management, performance optimization, and frontend testing**. Proven track record of improving performance, test coverage, and delivery speed in enterprise products.

TECHNICAL SKILLS

Frontend: React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
State Management: Redux, Zustand
UI & Charts: Material-UI, Highcharts
Testing: Jest, React Testing Library
APIs & Architecture: REST, GraphQL, BFF, Microfrontend
Tooling: Git, Webpack, NPM/Yarn, Jenkins
Backend (Working Knowledge): Node.js, Express.js, Java, SpringBoot, SQL

PROFESSIONAL EXPERIENCE (4+ YEARS)

Senior Frontend Engineer
NTT Data (Client: Blue Yonder) | *Oct 2023 – Present* | *Bangalore*

- Built **scalable React microfrontend modules**, enabling independent deployments and reducing release cycles by **40%**.
- Refactored frontend architecture and tests, achieving **90% unit test coverage**, cutting production bugs by **60%**.
- Integrated **GraphQL and BFF-based APIs**, reducing data-fetch latency by **30%** and improving page load times.
- Implemented **RBAC and feature-flag–driven UI**, supporting controlled rollouts across **50+ features**.
- Collaborated with product, UX, and backend teams to deliver **7+ end-to-end features**.

Technologies Used: React, TypeScript, Redux, GraphQL, Jest, RTL, Microfrontend

Software Engineer
Apisero Inc (Client: Blue Yonder) | *Oct 2021 - Sep 2023* | *Bangalore*

- Developed **real-time dashboards** for WES and AFW platforms, handling **10k+ records** with smooth rendering.
- Built **20+ reusable Material-UI components**, reducing new feature development time by **35%**.
- Improved frontend stability with Jest/RTL testing, achieving **85% coverage** and reducing regressions by **50%**.
- Optimized performance using lazy loading and code splitting, improving Lighthouse scores to **90+**.
- Implemented component lazy loading and error boundaries, reducing frontend outage rates.

Technologies Used: React, TypeScript, Material-UI, Highcharts, Jest, RTL

PROJECTS

Amaara – E-commerce Frontend (Freelance) | Jan 2022 – Mar 2022 | Freelance

- Built a **React + TypeScript** storefront supporting **1,000+ monthly users**.
- Implemented authentication, cart, checkout, and product catalog flows.
- Applied performance optimizations, reducing bounce rate by **40%** and improving Core Web Vitals.

Technologies: React.js, TypeScript, JWT/OAuth, Responsive Design, REST APIs

EDUCATION

B.Tech, Computer Science Engineering | *July 2022*

Institute of Engineering and Management | *Kolkata*

ACHIEVEMENTS

- Frontend Code Refactor: Achieved 90% unit test coverage
- UI Components: Developed 10+ UI components
- LeetCode: Solved 500+ problems
- HackerRank: 5-star coder

KEY COURSES TAKEN

- Data Structures and Algorithms, Operating Systems
- Database Management System, Object-Oriented Programming
- Design Patterns, GraphQL with React (Udemy), Rust Basics (Udemy)