MOHD ADNAN KHAN Software Engineer

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SKILLS

- Programming Languages : JavaScript, TypeScript, Java
- Libraries and Frameworks : React, Next js, RxJs, Tailwind Css, Shadon UI, Redux, Lodash
- Tools: Git, Postman, Github, BitBucket, GitLab, Jira, Vercel, Confluence
- · Other Skills: Design Patterns, Data Structure and Algorithms, LLD, HTML, CSS, Scss, CMS

EXPERIENCE

Software Development Engineer (Frontend)

Sep 2024 - Present

Noida

Mountblue Technologies

PROJECTS: Smart Money Backoffice:

Frontend Architecture & Security

- Engineered role-based access control (RBAC) system with React Router and Redux, implementing 12+ permission tiers to secure administrative dashboards for 1K+ daily users, maintaining zero unauthorized access incidents.
- Architected dynamic sidebar navigation with route guards, hiding/blocking 15+ restricted screens based on real-time user roles.

Performance-Driven Development

- Led end-to-end development of core application modules including dashboard, user authentication (OTP/login), KYC workflows, admin
 panels, and role-based notifications, optimizing critical paths with React.memo and code-splitting to reduce load times by 30%.
- Architected filtering system with multi-parameter search (date ranges, dropdowns, text inputs), reducing admin query resolution time by 40% through optimized API calls and React state management.

Scalable Component Design

Designed and documented 20+ reusable React components (tables, filters, modals) using Storybook, ensuring consistent design
patterns across 15+ admin modules and cutting feature development time by 30%.

Feature Delivery & Testing

Spearheaded end-to-end delivery of 15+ critical features (dashboard, KYC, notifications), consistently meeting deadlines through
iterative development, Jest/React Testing Library (85% coverage), and client-ready demos that reduced post-launch revisions by 30%.

Team Leadership & Mentorship

 Facilitated knowledge transfer via hands-on workshops on state management and API integration, transitioning interns from learners to contributors.

HDFC ERGO:

- Engineered a no-code dashboard using Contentful CMS, enabling business teams to customize UI layouts via drag-and-drop, reducing frontend change requests by 30% and deployment cycles by 15%.
- Streamlined motor insurance transfers by implementing Generate-eKYC, reducing onboarding time from 8 to 2 minutes and cutting manual errors by 50%
- Developed the dashboard, login, OTP, About Us page, kyc and other pages with an emphasis on performance optimization.

Software Development Engineer (Full Stack)

Jun 2024 - Sep 2024

Mountblue Technologies

- Engineered 15+ responsive web interfaces using React, JavaScript, and CSS-in-JS (Styled Components), achieving 95% cross-browser compatibility across Chrome, Firefox, and Safari.
- Designed and built RESTful APIs using Node.js/Express to optimize data flow between frontend and backend services, reducing API
 response times by 35% through efficient endpoint design and query optimization."
- Developed and deployed a React-based dashboard (Live Demo) using REST Countries API, featuring interactive maps and filters for real-time demographic data exploration. Hosted on Vercel for seamless scalability.

ACHIEVEMENTS

- Cracked Indian Air Force Exam(AFCAT) in 2022.
- · UPSC Aspirant.
- Best DSA contest rank: 7/200 (Scaler).

EDUCATION

woolf university, malta europe

2025

MS in Computer Science

SCALER

2025

Software Engineering

BBD Lucknow 2020

MCA/BCA in Computer Science | 8.6 CGPA