Muhammad Anas Afzaal

Frontend Engineer | Karachi, Pakistan

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[LinkedIn Profile](#)

Profile Summary

Frontend Engineer with 4+ years of industry level experience, specialized in React, Next.js, JavaScript, and TypeScript. I enjoy building clean, fast, scalable, and immersive user experiences for web apps. I've worked closely with designers, backend teams, and product managers with a proven track record in shipping features that solve real problems. I'm always up for learning and taking on challenges.

Technical Skills

- **Core Frontend:** React.js, Next.js, TypeScript, JavaScript, SEO best practices
- **Styling & UI:** Tailwind CSS, Material UI, Ant Design, Bootstrap, SCSS
- **State Management:** Redux Toolkit, Redux Saga, Context API, React Query, Vuex
- **Testing & Build:** Jest, Cypress, Webpack, Vite
- **APIs & Real–time:** Socket.io, REST APIs, GraphQL, WebSockets
- **Tools:** Git, GitHub, CI/CD, AWS, Agile/Scrum, Gitlab, Bitbucket, Jira, Vercel

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Work Experience

Senior Software Engineer (Frontend) – Code Avenue Pvt. Ltd

Karachi │ July, 2024 – Present

- *Mobrage – Car Mechanic Services Platform*
  - Built responsive booking interface with location aware functionality and real time calendar integration, incorporating Stripe payment gateway for secure transactions across customer and mechanic portals
  - Developed live chat system using Socket.io for instant communication and real time service estimator with dynamic pricing, featuring distinct role based interfaces for customers and mechanics.
  - **Technologies**: React.js, Redux Toolkit, TypeScript, Tailwind CSS, Ant Design, Socket.io

- *Guyana Government Portal – Multi–Application System*
  - Created single sign-on (SSO) interface enabling seamless navigation across multiple government sub-applications with unified authentication and dynamic forms for accident reporting, crime reporting, and prison management modules
  - Implemented performance optimization with browser caching and code splitting for efficient government operations across multiple departments with role based dashboards
  - **Technologies:** React.js, Redux Toolkit, TypeScript, Ant Design, Tailwind CSS

- *Easy Language – Learning Management System*
  - Built adaptive quiz interface with multi step flows, progress tracking, and comprehensive course management system for personalized learning experiences
  - Integrated Agora video calling SDK for live classes and real time collaborative learning features with secure authentication and multilingual support
  - **Technologies:** Nextjs 13, Redux Toolkit, Ant Design, Tailwind CSS, Socket.io, Agora SDK

- *5StarDesigners*
  - Built content heavy services portfolio website using Next.js 13 with SEO best practices and performance optimization like SSG, dynamic rendering, code splitting, and Metadata API
  - **Technologies:** Next.js 14, Ant Design, Tailwind CSS, React Animations

Frontend Developer – Arpatech Pvt. Ltd

Karachi │ January, 2023 – June 2024

- *GDH Healthcare – Hospital Management System*
    - Built role based dashboards with granular access control for different medical staff
    - Developed patient timeline management interface with automated appointment reminders
    - **Technologies:** Next.js 13, Redux Toolkit, Tailwind CSS, Reactstrap

- *EMS – Employee Management System*
    - Built comprehensive HR management system with role based dashboards, attendance tracking, payslip generation, and automated salary calculations
    - **Technologies:** Vue.js, Nuxt.js, Vuetify, Vuex

- *Data Engine – Inventory & Sales Management*
    - Built real time inventory dashboard with advanced search functionality, auto suggestions, and batch import/export system across multiple warehouses
    - **Technologies:** React.js, Material UI, Redux Saga

Software Developer (Frontend) – Aimviz Pvt. Ltd

Karachi │ March, 2022 – December 2022

- *Doerbase – Freelance Marketplace Platform*
    - Built a comprehensive bidding system interface connecting service providers with clients
    - Implemented payment and token logic (DBC) with responsive PWA features
    - **Technologies:** Angular, TypeScript, Material UI, SCSS

- *Finance Application – Account Management System*
    - Built a comprehensive account dashboard with transaction overviews and invoice management
    - **Technologies:** React.js, Context API, JavaScript, SCSS, Material UI

Frontend Developer – Symits Pvt. Ltd

Karachi │ September, 2020 – February 2022

- *Website Projects:*
    - Built and contributed to Website development projects for local and foreign clients
    - **Technologies:** WordPress, Elementor, WP Bakery, WooCommerce, PSD To WordPress Design Conversion

- *Indolj – Food Delivery Platform*
    - Built core restaurant management interfaces and orders dashboard with real time status updates
    - **Technologies**: React.js, Redux, JavaScript, CSS3
    - **Link**: https://indolj.pk/

Frontend Developer (Freelance) – Optimal Creations Pvt. Ltd

Karachi │ March, 2020 – August 2020

- *Website Projects*
    - Developed responsive WordPress websites with custom themes and e-commerce functionality for international clients
    - **Technologies:** WordPress, HTML5, CSS3, Elementor, WooCommerce

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Education

Masters of Computer Science – University of Karachi (2021 – 2022)

Bachelors of Computer Science – University of Karachi (2016 – 2019)