

Muhammad Asad

Full Stack Developer

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Pakistan Lahore, Punjab

SUMMARY

Full Stack Developer with **3 years** of professional experience building and maintaining production web applications using **React.js, Next.js, Node.js, Express.js, and TypeScript**. Experienced in developing **ERP systems, e-commerce platforms, customer portals, marketplaces, and admin dashboards**. Comfortable working across the frontend and backend, including building **reusable interfaces, developing APIs, integrating third-party services, managing application state, implementing authentication and role-based access, and working with MongoDB**. Experienced in working with designers, backend developers, and business teams to deliver and continuously improve real-world applications.

AREAS OF EXPERTISE

Core: React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5/CSS3

State & Data: Redux Toolkit, TanStack Query, GraphQL, REST APIs, WebSockets

Styling & UI: Tailwind CSS, Flexbox, CSS Grid, WCAG Accessibility

Tools & Performance: Webpack, Vite, CI/CD (Git), Postman, Web Performance Optimization

Backend & DB: Node.js, MongoDB, Express.js

Methodologies: Agile/Scrum, Architecture & System Design

Integrations: Shopify, WooCommerce, Walmart, Temu, NewEgg, ShipStation, Freshdesk, QZ Tray, Google OAuth, Facebook OAuth, Apple Sign-In, Google Maps API

EXPERIENCE

FULL STACK DEVELOPER - RETRO vGAMES, REMOTE (2025 - PRESENT)

- Develop and maintain Hector, a centralized operations platform that connects sourcing, purchasing, receiving, quality assurance, inventory, order processing, fulfillment, returns, trade-ins, repairs, and reporting.
- Build full-stack features using React.js, Next.js, Node.js, Express.js, and MongoDB based on evolving business requirements.
- Develop reusable React and Next.js interfaces for complex workflows including inventory, procurement, warehouse operations, order processing, fulfillment, customer service, and analytics.
- Develop and integrate APIs to connect frontend applications with business logic, databases, marketplaces, shipping services, and internal systems.
- Work with MongoDB to support application data and business workflows across inventory, orders, users, products, and operational processes.
- Implement authentication, role-based access control, protected routes, permission-based workflows, and user management across internal applications.
- Integrate third-party platforms and services including Shopify, WooCommerce, Amazon, eBay, Walmart, Target, Newegg, ShipStation, and other internal services.
- Work closely with designers, backend developers, and business teams to understand requirements, troubleshoot issues, and continuously improve applications.
- Build and maintain customer-facing portals and internal dashboards using modern React and Next.js development practices.
- Participate in code reviews, debugging, application improvements, and ongoing development of production systems.
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FRONT END DEVELOPER - MOTIVE CODER, LAHORE, PAKISTAN (2023 - 2025)

- Developed responsive web applications, e-commerce storefronts, and admin dashboards using React.js and modern frontend technologies.
- Converted UI/UX designs into responsive, reusable, and maintainable frontend components.
- Integrated REST APIs and collaborated with backend developers to build data-driven application features and business workflows.
- Improved existing interfaces by fixing UI issues, enhancing responsiveness, and maintaining production applications across different devices and screen sizes.

PROJECTS

Hector ERP — Internal Operations Platform

- Contributed to a centralized operations platform for a multi-channel electronics and retro gaming business, connecting sourcing, purchasing, receiving, QA, inventory, sales, fulfillment, returns, trade-ins, repairs, and reporting.
- Developed and maintained full-stack features across React.js/Next.js applications and backend APIs supporting inventory, warehouse operations, procurement, order processing, fulfillment, users, and reporting.
- Helped replace fragmented workflows across marketplace portals, spreadsheets, shipping tools, and separate operational systems with connected processes and centralized business data.
- Integrated services across Shopify, WooCommerce, Amazon, eBay, Walmart, Target, Newegg, ShipStation, and internal systems to support daily business operations.

SPORTLY — SPORTS TRAINING CAMP MARKETPLACE - <https://sportly.se>

- Built a Next.js marketplace with separate Host and Guest experiences, including camp listings, search, filtering, booking workflows, dashboards, and protected routes.
- Implemented role-based authentication and dynamic search using location, date, guest, and category filters.

CUSTOMER PORTALS — RETROFAM & RETRO VGAMES

- Developed customer-facing portals using Next.js for two separate e-commerce brands, supporting customer accounts, orders, returns, trade-ins, and other self-service workflows.
- Integrated the portals with Shopify and WooCommerce-based systems and connected frontend features with backend services and APIs.

CANROVER — SCOOTER RENTAL PLATFORM - <https://canrover.vercel.app>

- Built a Next.js admin dashboard for scooter rental operations with Google Maps integration, interactive zone management, fleet tracking, battery monitoring, and live map visualization.
- Implemented role-based access, user verification, ride management, scooter management, invoices, and analytics.

TGELEVATE — TELEGRAM CHANNEL DIRECTORY - <https://tgelevate.com>

- Built a Next.js platform for discovering and managing Telegram channels, supporting category browsing, advanced filtering, rankings, and trending workflows across 10,000+ listings.
- Implemented Google OAuth, protected dashboards, channel submission and management, and SEO-optimized listing pages.

BITKNIT LIMITED — COMPANY PORTFOLIO WEBSITE - <https://tgelevate.com>

- Developed a responsive company portfolio website to present BitKnit Limited's services, projects, and business information across desktop and mobile devices.

EDUCATION

BACHELOR'S IN COMPUTER SCIENCE

Virtual University of Pakistan | 2024 – Present

CERTIFICATIONS

Front-End Development — EVS Training Institute, Lahore | 2023

MERN Stack Development — EVS Training Institute, Lahore | 2023