

Muhammad Zain Tariq

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SUMMARY

Frontend-focused Senior Software Engineer with 5+ years of experience building complex React, TypeScript, and Next.js products across enterprise commerce, visual CMS/editor platforms, and developer tooling. Experienced leading frontend architecture, designing complex product workflows, modernizing large codebases, and shipping reliable customer-facing systems across long-lived product platforms.

EXPERIENCE

Arbisoft

June 2021 – Present

Senior Software Engineer (promoted from Software Engineer)

- Led the redesign of Elastic Path Commerce Manager's Product Editor into a tabbed architecture with a shared React Hook Form/Zod workflow coordinating a single save across product, pricing, hierarchy, relationships, media, variants, and bundle resources.
- Contributed to Elastic Path's open-source Next.js composable commerce storefront, implementing Algolia InstantSearch, locale/currency-aware routing and filtering, checkout, authentication, multi-location inventory, and reusable commerce integrations.
- Owned checkout and payments work for Elastic Path's Plasmic-based visual storefront integration, designing a payment-dispatch architecture that separated Stripe Cart PaymentIntent and order-first gateway flows while removing gateway-specific branching from generic checkout.
- Implemented end-to-end Stripe 3DS/SCA handling across Next.js checkout flows, including server-authoritative payment continuation, authentication retry/abandonment semantics, PaymentIntent reuse, and error handling distinguishing required shopper action from upstream API failures.
- Standardized 10+ legacy data tables onto TanStack Table across enterprise product and subscription workflows, establishing reusable sorting, pagination, selection, and bulk-action patterns.
- Built visual-editor and responsive-design capabilities for Elastic Path Studio/Unstack, including device-specific styling and visibility controls, reusable editor components, design-system controls, and incremental JavaScript-to-TypeScript modernization.
- Found and fixed checkout-integrity issues in the Plasmic commerce integration that could allow physical orders to bypass required shipping or stale shipping charges to enter payment totals, adding regression coverage around both paths.
- Developed and maintained automated testing across multiple products using Playwright, Cucumber, Vitest, Jest, and Cypress, including 65+ end-to-end scenarios for enterprise commerce workflows.
- Received a client-awarded bonus for delivery quality; mentored engineers, conducted technical interviews and code reviews, and collaborated across product, design, backend, QA, and client teams.

EDUCATION

Lahore University of Management Sciences (LUMS)

2017 – 2021

Bachelor of Science in Computer Science

SKILLS

Frontend: React, TypeScript, JavaScript, Next.js, React Query, React Hook Form, Zod, Tailwind CSS, TanStack Table, Radix UI, Storybook

Testing: Playwright, Cucumber, Vitest, Jest, Cypress

Platform / Tools: Plasmic, Elastic Path Commerce Cloud, Shopify, Algolia, Stripe, REST APIs, OpenAPI, Git, Docker