

Ana Muraya

Software Engineer

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EXPERIENCE

Front End Engineer, Vrai

Oct 2024 – May 2026

Next.js, TypeScript, TanStack Query, Shopify (Storefront & Admin APIs, GraphQL), NetSuite, HubSpot, DatoCMS · Remote · vrai.com

- Built a specialized progress tracker for custom “Cut for You” diamond orders, letting the internal team upload step-by-step media (rough-stage videos, images, final certificate PDF) stored as Shopify order metafields, triggering automated, personalized post-purchase notifications via HubSpot, replacing manual status emails and reducing internal ops workload.
- Launched self-serve account features: eligible shipping profiles, detailed order views, and a WISMO order tracker driven by Shopify webhooks (order created, fulfilled, delivered) and NetSuite fulfillment-delay data for real-time, proactive status updates, reducing account-related support tickets by **~85%**.
- Built product detail pages pulling live inventory and availability from the Shopify Storefront API (GraphQL), surfacing real-time stock states (e.g. out-of-stock, low-stock “only 2 left”).
- Built an interactive 360° diamond spinner replacing the previous video-based viewer, improving load performance by **50%** while letting customers rotate, pause, and inspect high-value pieces, lifting product-page engagement and increasing add-to-cart conversion by **3%**.
- Developed geolocation-based dynamic content that auto-detects a visitor's region to serve localized offers and messaging (e.g. region-specific promo codes), deployed across US, UK, and non-UK European regions to lift engagement in targeted markets.

Software Developer, Pactus AI

Jun 2024 – Sep 2024

React, Redux, TypeScript · Remote (Czech Republic)

- Sole developer building an early-stage MVP from scratch, partnering directly with founders to translate user needs into the product's technical foundation: a platform giving law firms streamlined access to legal resources and case tools.
- Turned Figma designs into a responsive React, Redux, and TypeScript application, owning the full front-end implementation end to end.
- Built the integration layer between the client app and backend, enabling reliable, real-time delivery of legal documents.

Integrations Engineer, Pinely International

Feb 2023 – Jun 2024

Software agency delivering for clients including Stream Signage (drive-through signage) and Tochigami (real estate). · Remote · pinely.eu · streamsignage.com · tochigami.com

NestJS, MongoDB, TypeScript, Next.js, React, Tauri, WebSockets

- Led the POS integration team for **Stream Signage**, building a single adapter layer that unified disparate POS systems (Oracle, Clover, NorthStar, TableNeeds, CBS, HolidayOil, Toast) behind one interface, turning each new POS onboarding into a lightweight implementation rather than a full rewrite, and driving delivery on an urgent timeline.
- Designed multi-tenant RESTful APIs in NestJS and MongoDB to route order and menu data between client dashboards and the backend, supporting **10+ merchant locations**.
- Built a real-time server syncing drive-through order and menu changes to a Tauri desktop app over WebSockets, keeping digital menu boards in sync near-instantly and reducing order errors.
- Shipped a responsive Next.js + TypeScript control panel from Figma mockups, improving daily workflow for restaurant operators.
- For **Tochigami** (real-estate client), migrated the app from React to Next.js and rebuilt it from new Figma designs in close partnership with design, improving UI/UX; also built the Pinely company landing page.

Software Engineer, CoreTec Solutions Africa

Nov 2022 – Feb 2023

React, Django REST Framework, Figma · Westlands, Nairobi, Kenya

- Introduced React into a legacy .NET stack for a client portal, redesigning the UI in Figma and migrating off a legacy HTML/CSS/jQuery frontend to speed up page loads and future development while improving scalability and maintainability.
- Built Django REST APIs powering a real-time, interactive analytics dashboard that surfaced key metrics to users.
- Championed the team's migration from shared drives to GitHub, establishing version control, peer review, and collaborative workflows that accelerated delivery.

Software Developer, Castynet Studios

Jan 2019 – Oct 2022

React, TypeScript · Remote

- Led front-end development of responsive React + TypeScript web apps, building reusable component libraries that cut build time across three projects.
- Translated design mockups into performant, accessible, cross-browser UI for e-learning resources, improving the experience for learners.
- Mentored developers on modular practices and reliability, diagnosing and resolving bugs to keep development velocity high.

Software Developer Mentor, DigiKids

Jan 2018 – Mar 2021

Part-time · iLab Africa, Strathmore University · digikids.co.ke

- Taught JavaScript, React, Python, and Java in bootcamp-style programs at Strathmore University, mentoring learners through real-world projects, including one student who launched an e-commerce site; also built the DigiKids landing page.

PROJECTS

Yebo Sports

yebosports.com

Next.js, React, TypeScript, Supabase, PWA, Pesapal

- Mobile-first PWA for booking sports pitches in Kenya; built the booking calendar, cart/checkout, and digital wallet flows, wiring M-Pesa, Visa, and Mastercard through a single Pesapal checkout. Stored slots in UTC and rendered in EAT to keep availability accurate, and shipped an installable, offline-tolerant PWA for mid-range Android on patchy data.

Bank of B.A.C

[live demo](#) · [source](#)

Next.js, TypeScript, React Hook Form, TanStack Query, Context API, Jest, RTL, Storybook

- Sole engineer on a fully-tested banking flow with optimistic UI that reconciles against a live statement; owned architecture, state, the component library, and the entire test suite. Used Context + TanStack Query so optimistic updates never drift from source of truth, and pinned behavior with Jest + React Testing Library.

react-irregularimg-editor

[live demo](#) · [npm](#) · [source](#)

TypeScript, React, tsup, Vitest, npm

- Authored a published React + TypeScript component for cropping/masking images into irregular shapes, PNG/SVG export. Shipped dual ESM + CJS with .d.ts types, tree-shakeable subpath exports, React as a peer dependency, a headless core, keyboard accessibility, and SSR-safety, with CI.

EDUCATION

KCA University

2018 – 2021

Bachelor of Science in Software Engineering

CERTIFICATIONS & PROFESSIONAL COURSES

- [AWS Certified Cloud Practitioner, Amazon Web Services](#)
- [AWS Technical Accreditation, Amazon Web Services](#)
- Google UX Design, Coursera
- Responsive Web Design & Adobe XD, Coursera
- Web Development, eMobilis Institute
- [Cisco CCNA: Introduction to Networks](#)
- [Cisco CCNA: Switching, Routing & Wireless Essentials](#)
- [Cisco CCNA: Enterprise Networking, Security & Automation](#)

SKILLS

Languages: TypeScript, JavaScript

Frontend: React, Next.js, Svelte, Sass, TanStack Query, React Hook Form, Zod, PWA, accessibility

Backend & Data: NestJS, Node.js, REST, GraphQL, WebSockets, OpenAPI, MongoDB, PostgreSQL, Supabase

Integrations & Platforms: Shopify (Storefront & Admin APIs, GraphQL), NetSuite, HubSpot, DatoCMS, Pesapal, M-Pesa, Flutterwave, Stripe, Tauri

Cloud & DevOps: AWS (EC2, S3, Lambda, SQS, SNS, EventBridge, CloudFront, Route 53, CloudWatch, Load Balancer), CI/CD, Git / GitHub

Testing & Tooling: Jest, React Testing Library, Storybook, Vitest, tsup, Figma