

Mohaimmen Bajwa

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Full-stack web developer with 6+ years of production experience shipping client websites, now focused on Vue/Nuxt + Postgres applications. I design and run a multi-tenant SaaS platform covering authentication, payments, scheduling, document ingestion, and a Capacitor-based Android tracker — all on a single Nuxt 4 codebase backed by Supabase Postgres with row-level security.

Skills

Languages: TypeScript, JavaScript, SQL (Postgres), PHP, Python, Java, HTML5, CSS3

Frontend: Vue 3 (Composition API), Nuxt 4, Tailwind CSS v4, Nuxt UI, Vite, PWA (Workbox), Service Workers, SSR / hybrid rendering

Backend: Nitro server routes, Node.js, REST APIs, server middleware, cron jobs, webhooks, PL/pgSQL functions & triggers, Realtime / WebSockets

Database: Postgres, Supabase, Row-Level Security, JWT custom claims, SQL migrations, schema design, MySQL

Auth & Security: Supabase Auth, CSP (per-request nonce + strict-dynamic), CSRF, rate-limiting, reCAPTCHA v3, role-based access, HSTS / security headers, IDOR prevention

Integrations & Mobile: Moneris Hosted Checkout, Resend (incl. Inbound), IMAP (imapflow), Leaflet, Interac e-Transfer, Capacitor 6, Android, background geolocation

DevOps & Tooling: Git, Supabase CLI, Docker, Playwright (E2E), ESLint, SEO (Schema.org / Sitemaps / OG), WordPress (Elementor, Divi, WP Rocket, Wordfence)

Experience

Web Developer, Driving Headquarters — Richmond Hill, ON

Sept 2019 — Present

- Sole developer of a single Nuxt 4 codebase serving a public marketing site, four role-based dashboards (student, parent, instructor, admin), a payments + financial-ledger system, an email-driven document-ingest pipeline, and a live GPS lesson tracker — all on Supabase Postgres with zero self-hosted servers.
- Designed a role-based authorization model enforced in three layers — client route middleware, server `requireAuth/requireRole` guards, and Postgres RLS policies driven by a JWT custom-claims hook — so a leaked service key still cannot return another user's rows.
- Built a payments pipeline with Moneris Hosted Checkout: server-to-server verify, an immutable transaction audit trigger, payment-plan modelling, and an e-Transfer claim/reconciliation workflow.
- Engineered a document-ingest pipeline that auto-routes forwarded emails (BDE receipts, MTO certificates, driver licences) to the right student via per-kind extractors, content-fingerprint dedup, and a fuzzy student matcher.
- Shipped a live GPS trip tracker using Capacitor background-geolocation as an Android foreground service with offline buffering, played back on a Leaflet map over Supabase Realtime.
- Hardened the public surface with nuxt-security CSP (per-request nonce, strict-dynamic), custom CSRF middleware, IP+session rate limiting, reCAPTCHA v3, and honeypot / dwell-time bot defence.
- Authored 60+ versioned SQL migrations via the Supabase CLI workflow and a Playwright QA harness that runs a full regression pass (auth, role gating, payments) before every deploy; migrated the live business off WordPress with no downtime or SEO loss.

Web Developer, Tamil Heritage Month

Dec 2022 — Present

- Built the site end-to-end in the Divi theme builder with custom layouts and brand styling for a content-heavy, editor-friendly community site.
- Handled a full hosting migration — DNS / nameserver cutover, fresh WordPress install, content restore, and SSL — with no loss of content, and resolved the issues that came up during cutover.

QA Tester, 7th Pixel

2020 — Present

- Test client websites across browsers and devices, surfacing functional and UX issues before users hit them.
- Document defects with clear reproduction steps and give the development team structured, actionable feedback.
- Log, triage, and help fix each issue, then verify the fix — closing the loop from report to resolution.

Web Development Intern, 7th Pixel

Jun 2019 — Aug 2019

- Contributed to client website builds using HTML and PHP across multiple client projects.
- Supported MySQL-backed data management — early exposure to the data and server layer that informs my current full-stack work.

Certifications

- AWS Certified Solutions Architect – Associate — Amazon Web Services
- AWS Certified Cloud Practitioner — Amazon Web Services
- CompTIA Security+ — CompTIA
- Certified in Cybersecurity (CC) — ISC2
- Google Cybersecurity Professional Certificate — Google