

Omar Faruque Tuhin (Nadim Tuhin)

Contract Senior Front-End Engineer | React, Next.js, TypeScript & Gutenberg Block Systems

Remote | UTC+6 | 6 Hours US Eastern Overlap (8am – 2pm ET)

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SUMMARY

Senior front-end engineer with **10+ years** of experience building modular, accessible web applications across React, Next.js, TypeScript, and WordPress block themes. I bridge visual design and clean engineering by translating complex Figma files into responsive, performant user interfaces with custom CSS and Tailwind CSS, adhering strictly to WCAG 2.1 AA accessibility standards. Creator of **wp-block-typegen** (zero-dependency TypeScript generator eliminating type drift and AI hallucinations in Gutenberg blocks) and co-creator of React visual canvas builders with **300+ GitHub stars**. Experienced in establishing front-end component patterns, mentoring teams through thoughtful code reviews, and using AI coding tools as an accelerator.

SKILLS

- **Front-End Architecture:** React.js, Next.js (App and Pages router), TypeScript, state management, modular component systems, headless setups.
- **CSS Craftsmanship:** Modern CSS (CSS Grid, Flexbox, Container Queries), Tailwind CSS, BEM, SASS/SCSS, responsive cross-browser layouts.
- **WordPress & Gutenberg:** Custom blocks in React.js, Block API v3, InnerBlocks, block themes, `theme.json`, server-side rendering, slot fills, WP REST API.
- **Accessibility & Performance:** WCAG 2.1 AA compliance, keyboard focus management, ARIA attributes, VoiceOver/NVDA testing, Core Web Vitals (INP, LCP, CLS), bundle reduction.
- **Build Tooling & Quality:** Vite, Webpack, ESLint, Prettier, Jest, Playwright, GitHub Actions CI, TypeScript type checking under strict mode.
- **AI-Assisted Workflow:** Daily use of Claude Code, Cursor and Copilot to accelerate front-end delivery while critically validating every pull request.

WORK EXPERIENCE

Senior Front-End Engineer: Web Platforms

Nov 2025 – Sep 2026

Technovative Solutions (UK) / DigiProdPass

Remote

- Architected responsive web applications and data visualization dashboards using TypeScript, React, and Next.js with strict type safety.
- Built accessible UI component libraries following WCAG 2.1 standards, ensuring full keyboard navigation, clear focus traps, and cross-browser consistency.
- Connected front-end interfaces to authenticated REST endpoints, implementing optimistic UI updates, form validation, and resilient error boundaries.

Senior Front-End & Integrations Engineer

Sep 2018 – Nov 2025

Pathao (Super-App: 2M+ Users, 100K+ Daily Orders)

- Built and maintained responsive merchant portal interfaces and checkout widgets using vanilla JavaScript, React, and modular CSS.
- Developed the official **Pathao Courier Shopify App** front-end using React and Shopify Polaris design system components.
- Built configuration and setup interfaces for the open-source **Pathao Courier WooCommerce Plugin**, standardizing form controls and responsive layouts.
- Optimized front-end asset loading, script execution, and critical CSS across high-traffic marketing sites, reducing bundle sizes and improving Core Web Vitals.
- Led front-end code reviews for the team, enforcing CSS naming standards, component reusability, and accessibility guidelines.

Senior Full Stack Developer

May 2017 – Aug 2018

Cookups Technologies (Acquired)

- Shipped an interactive food marketplace web application in **5 months** with dynamic cart flows, filterable catalogs, and live delivery tracking.
- Built a modular component library using modern CSS and JavaScript, delivering consistent performance across mobile Safari and desktop browsers.

EARLIER EXPERIENCE

Front-End & Plugin Developer

Apr 2015 – Aug 2016

ThemeXpert

- Built interactive visual editor canvases and layout controls for **WP OnePager (300+ Stars, 95+ Forks)** and Quix Page Builder.
- Implemented drag-and-drop layout components using React, Flux architecture, and custom CSS layout engines.
- Translated design mockups into accurate, responsive WordPress themes using HTML5, BEM SASS, and vanilla JavaScript.
- Resolved cross-browser rendering discrepancies and touch-event conflicts across mobile and desktop devices.

Web Developer

Apr 2013 – Apr 2015

The Software Engineers

- Developed tracking web dashboards and shipment status interfaces with responsive CSS and asynchronous client-side data updates.

OPEN SOURCE & FRONT-END TOOLS

wp-block-typegen

TypeScript CLI | Zero Dependencies | **Tested on 138 Blocks**

Zero-dependency CLI that reads Gutenberg `block.json` and generates strongly-typed TypeScript interfaces and Cursor AI context rules.

- Tested across all 116 WordPress core blocks and 10up block-components; eliminates type drift between `block.json` schemas and React components.
- Auto-generates typed `BlockEditProps` and `setAttributes` definitions to stop AI assistants hallucinating invalid props in `edit.tsx`.
- Includes a breaking-change guard that diffs attribute schemas against git history, warning developers before code changes break saved posts.

WP OnePager Visual Canvas Builder

React | Drag-and-Drop | **300+ Stars** | **95+ Forks**

Open-source visual layout builder allowing designers and developers to construct landing pages using responsive, reusable content blocks.

- Implemented live canvas editing, responsive breakpoint preview controls, and custom layout components in React.

Claude Token Optimizer

Developer Tooling | **600+ Stars** | **75+ Forks**

CLI tool published on npm that organizes project documentation and component context for AI coding tools.

- Published on npm (`npx claude-token-optimizer init`); reduces front-end startup token load from 11,000 to 1,300 tokens during active coding.

Cached Query Blocks

Gutenberg (React) | Block UI | **38 Unit Tests**

Custom Gutenberg post-query blocks built in React.js with editor inspector controls, responsive grid presets, and compliant `block.json` metadata.

HOW I WORK

- **Component Architecture:** I build UI in small, composable components with explicit TypeScript interfaces, keeping presentation distinct from business logic.
- **Styling Philosophy:** I select the appropriate styling tool for each challenge: custom CSS for unique creative layouts, Tailwind for scalable component libraries.
- **Accessibility Verification:** I verify keyboard navigation, focus management, color contrast, and ARIA attributes in local builds and CI checks.
- **Remote Collaboration:** Clear asynchronous communication, self-documenting pull requests, and real-time overlap with US Eastern teams (8am – 2pm ET).

EDUCATION & TRAINING

B.Sc. in Computer Science & Engineering | University of Information Technology & Sciences (UITS)

Agile & Scrum Engineering Practices | Asia Agile Forum