MD ATIQUR RAHMAN

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Based in Penang

Professional Summary

Senior Software Engineer with 7+ years in B2B SaaS, 6 at Goava (Sweden), fully remote. Owner of the company-discovery core: 20+ multi-layered filters over 6.5M companies, D3.js analytics and map-based views, built for render performance at scale. Most recently built the front end for an AI prospecting agent, letting users configure targeting, budget, and schedule on top of a RAG and tool-calling backend.

EXPERIENCE

Goava Sales Intelligence AB
Stockholm, Sweden (Remote)

Senior Software Engineer (January 2024 – Present)

● **AI agent configuration:** Built the configuration front end for an autonomous AI prospecting agent, letting sales teams define targeting, execution schedules, and token budget limits on top of a RAG and tool-calling backend.

● **Web Worker performance**: Moved sorting, filtering, and aggregation of 3,000+ real-time insight records off the main thread into Web Workers, reducing main-thread blocking and keeping infinite scroll smooth.

● **Partner embed:** Built a recommendation widget using Next.js on-demand ISR with edge caching, pre-rendering the top 3 similar companies via webhooks to serve sub-100ms loads inside external iframe dashboards.

● **State architecture:** Separated server domain data (Redux) from client UI state (React Context) across the app, removing global re-renders and making the codebase easier to work in.

● **Engineering standards:** Established a two-reviewer PR workflow and reviewed AI-assisted code for design pattern consistency, keeping the codebase from drifting architecturally.

Software Engineer (February 2020 – December 2023)

● **Multi-tier filtering:** Built geometry-driven cascading flyout filters and D3.js histogram controls over 6.5M+ companies, cutting redundant intermediate Elasticsearch queries by letting users target multiple tiers directly. This became the product's core discovery experience.

● **Geospatial analytics:** Implemented a multi-level interactive map (react-leaflet + D3.js domain scaling) with county-to-municipality drill-down, replacing a paid proprietary tile service with an open-source stack.

● **Codebase modernization:** Led the progressive migration from 2014-era class components and HOCs to functional components and custom hooks, improving modularity and shortening onboarding for new developers.

● **Bundle optimization:** Replaced monolithic dependencies with in-house modules

Education

BSc. in Information and Communication Technology
Mawlana Bhashani Science and Technology University.
Tangail, Bangladesh
2013 - 2019

Competitive Programming

● Participated and performed well in many NCPC and IUPC competitions in 2016

● Leetcode

● LightOJ

● Mentored juniors in programming contests and problem-solving.

Skills

JavaScript, TypeScript, C++ (problem solving)

React, Next.js, Vue, Nuxt, Redux Toolkit, Zustand, Redux-Saga, Tailwind CSS, D3.js, react-leaflet, Web Workers

React Testing Library

Node.js, GraphQL, Apollo, REST

RAG pipelines, LangChain tool calling

Webpack, Git, nginx, PM2, VPS, Vercel

Interests

● Agentic Development
● Back-End Technologies
● System Design
● Listening Tech Podcast

(custom DFS deep-clone and isEqual in place of full Lodash) and tuned Webpack minification to reduce initial load payload.

● **CRM automation:** Built an automated contact sync that pulls decision-makers (C-suite and directors) on lead qualification, with hover previews and per-user preference overrides.

Technologies: React, Next.js, TypeScript, Zustand, Redux, redux-saga, GraphQL, Apollo Client, D3.js, react-leaflet, Web Workers, Webpack, Elasticsearch, Node.js

Global Travel and Tours

Dhaka, Bangladesh (Remote)

Frontend Tech Lead (Contract) (July 2024 – December 2024)

● **Blade to Next.js migration:** Led the front-end re-architecture of a flight booking engine, moving from monolithic Laravel Blade templates to a Next.js application.

● **Dual payment gateway integration:** Unified two gateways with incompatible redirect behaviour by building a server-side route interception layer in Next.js that normalizes bKash's external POST redirects and SSLCommerz's GET webhooks into a single payment status flow.

● **Booking state persistence:** Built a multi-step flight booking flow with redux-persist, preserving route and passenger data across refreshes and removing repeated API calls between steps.

● **Search and filtering:** Built flight discovery with time-of-day, cabin class, and layover filters, updating results without layout shift.

● **Team leadership:** Led a small front-end team, running architectural code reviews and setting front-end conventions for the codebase.

● **Development workflow:** Introduced separate dev and production environments and moved feature and bug tracking from spreadsheets to Trello, giving the team a clearer path from issue to release.

● **Deployment and infrastructure:** Provisioned and configured a VPS for the production booking site: nginx as a reverse proxy, PM2 for process management, DNS setup, plus deployments and day-to-day server upkeep.

Technologies: Next.js, React, Redux, redux-persist, Tailwind CSS, REST APIs, SSLCommerz, bKash Merchant API, pm2, nginx, JWT

Deligram Technologies Limited

Dhaka, Bangladesh

Junior Software Engineer (February 2019 - January 2020)

● **Cart and checkout:** Built cart and checkout features in Vue.js and Vuex, including an auto-coupon evaluation step that applied eligible discounts automatically instead of requiring users to enter codes at checkout.

● **Category navigation:** Restructured the product catalog from a flat schema into an n-ary tree, letting users traverse multi-level nested categories without additional API calls per level.

● **Asset cleanup:** Built a utility that stripped redundant YAML files, unused objects, and dead attributes from the build, cutting initial page load time by around 7%.

● **Internal tooling:** Prototyped a self-hosted asset delivery service with Nuxt.js and Adonis.js to evaluate replacing third-party media storage (prototype, not shipped to production).

● **Delivery routing:** Built approximate route path mapping to reduce back-and-forth driving for delivery riders, with assignment heatmaps showing which zones carried the heaviest delivery load.

● **Blade to Nuxt.js migration:** Part of the team that moved the admin panel from monolithic Blade views to a separate SSR front end in Nuxt.js.

Technologies: Vue, Vuex, Nuxt, Google Maps, GitHub