

ASIF SADAT

Staff Engineer | Fullstack Typescript

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📍 Dhaka, Bangladesh



SUMMARY

Staff-level full-stack engineer with 7+ years of experience building TypeScript products across ride-sharing platforms, healthcare, analytics, and real-time systems. Expert in React, Next.js, and Node.js, with strong frontend architecture and team leadership experience. Hands-on with AI-native workflows and LLM applications, including RAG pipelines, vector search, and streaming AI features.

EXPERIENCE

Staff Software Engineer (Frontend)

SELISE Digital Platforms

📅 11/2024 - Present 📍 Dhaka, Bangladesh

- Architected scalable frontend systems using React and TypeScript, enabling real-time data processing and improving system performance
- Designed and implemented geospatial systems using Google Maps API, supporting real-time tracking and high-frequency interactions
- Leveraged AI-assisted development tools (Cursor, Claude Code, Codex) to accelerate feature delivery and improve development efficiency
- Enforced coding standards and conducted code reviews, improving team productivity and maintainability
- Collaborated with cross-functional teams and stakeholders to deliver high-impact product features

Senior Full Stack Developer

MGH Group

📅 01/2023 - 10/2024 📍 Dhaka, Bangladesh

- Led a team of **3 junior developers** as the Lead Frontend Developer, providing technical guidance, mentorship, and delegating tasks to ensure project success.
- Developed an EMR system for glaucoma detection, enabling doctors to examine patients and manage their medical records.
- Collaborated with operations, branding, sales, and CRM teams to align on use cases and deliver user-centric solutions, while managing stakeholders by keeping them updated on progress.

Full Stack Developer

MGH Group

📅 2021 - 2023 📍 Dhaka, Bangladesh

- Implemented secure authentication using Microsoft and integrated Power BI reports into React applications for enhanced data visualization.
- Developed and maintained key applications for OBHAI CRM, including Issue Management, and Sales Performance Management platforms.
- Automated customer refund process after order cancellation.

Lead Frontend Developer

MGH Group

📅 2019 - 2020 📍 Dhaka, Bangladesh

- Enhanced frontend efficiency, accelerated project delivery speed through optimized development pipeline management.
- Developed and maintained a comprehensive suite of applications for mgX Courier, including the Landing Page, Customer Panel, Hub Admin Panel, and Customer Service Panel using React and Angular.
- Modernized our legacy **OBHAI Fleet Owner** Panel app originally built on AngularJS to React.

Junior Frontend Developer

MGH Group

📅 2018 - 2019 📍 Dhaka, Bangladesh

- Developed and maintained features for OBHAI Admin Panel with AngularJS.
- Revamped the OBHAI admin panel **Request Ride** feature, improving usability and efficiency for CRM agents booking rides for customers.
- Optimized server costs by enhancing frontend workflows, including implementing pagination and reducing API call rates.

PROJECTS

Creolytix

📅 2024 - Present

Creolytix is an advanced online platform that provides real-time monitoring and threat analysis, helping organizations quickly detect and respond to risks.

Key Contributions:

- AI Summary:** Designed and developed intuitive UIs enabling real-time analysis and responsive actions to dynamic threat scenarios.
- Understand Module:** Created configurable widgets providing quick insights into overall threats based on user-defined criteria, such as region, event category, and reports.
- Setup Unit Testing:** Implemented comprehensive unit testing using Vitest to ensure system reliability, performance, and maintainability.

OBHAI | Ride-Sharing Platform (Multiple Products)

📅 2018 - 2024

Delivered a suite of internal and customer-facing products for OBHAI's ride-sharing ecosystem across web and PWA, using AngularJS, React, Node.js, MUI, and Bootstrap.

- Master Admin Panel (AngularJS):** Built Promo Notification, Issue Management, and Asset Tracking modules and revamped the Ride Request and Fare Engine; added FCM-powered missed-ride tracking to improve recovery and customer satisfaction.
- Ride Tracker:** Shipped real-time location sharing via Google Maps API, letting customers securely share live ride progress with contacts through a URL.
- Sales Performance Management (Node.js + React, RBAC):** Drove higher sales-target achievement with real-time web push alerts for managers and stakeholders, introduced in-app calling, and built a driver leaderboard for performance assessment.
- Driver Registration Portal:** Reengineered driver onboarding for self-service registration with CRM-agent verification, cutting onboarding time by 40%.
- Fleet Owner Panel (React PWA):** Gave fleet owners per-vehicle ride and earnings tracking, improving delivery speed through tighter frontend-backend collaboration and boosting ride volume and revenue.

Peyala Food Ordering Admin Panel

📅 2023 - 2024

Fullstack Admin Panel for managing customer orders using NodeJS, React, MUI

- Implemented Role-Based Access Control system, Delivery Charge module, Menu Items management, Menu Category Ordering, Order Cancellation Refund system.
- Improved order management by introducing buzzer notifications, ensuring immediate action from store managers upon customer order placement.

SKILLS

Frontend Technologies

JavaScript	React	TypeScript	NextJS	Angular
AngularJS	MUI	Tailwind	Shadcn	

Backend Technologies

NodeJS	ExpressJS	SQL	Sequelize	NestJS
PostgreSQL	Prisma			

AI-Assisted Development & Code Quality

Cursor	Claude Code	OpenAI Codex	Greptile
Google Stitch	SonarQube		

Development Tools & Integrations

Git	PWA	FCM	Web Push	Pusher	SignalR
Google Maps API	Zustand	Redux	OAuth2.0		

Testing tools

Vitest	Jest	Playwright
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CORE COMPETENCIES

Stakeholder Collaboration	Team Management	
Project Management	System Refactoring	
Cross-functional Collaboration	UX Enhancement	
Time Management	Multitasking	Conflict Resolution

EDUCATION

B.Sc. in Computer Science & Engineering

BRAC University

01/2014 - 08/2018 Dhaka, Bangladesh

PROJECTS

Power BI Report Embedding System

2023 - 2024

Admin Panel built in NodeJS, React, MUI for embedding Power BI reports for clients.

- Implemented Microsoft Authentication module using MSAL.
- Developed a dynamic report embedding feature, enabling admins to seamlessly add, view, and manage Power BI reports with enhanced flexibility and control.

DristiVan - SAAF

2024 - 2024

Electronic Medical Records (EMR) system built in React, MUI to detect glaucoma through screening patients with different medical equipment.

- Developed and enhanced patient registration, appointment scheduling, queue management, examination tracking, inventory, and billing modules.

ReadSaver | LLM RAG Application

<https://github.com/sadatsajid/read-saver>

- Built an AI-powered article summarization and Q&A application with Next.js, TypeScript, OpenAI, Supabase, Prisma, and pgvector.
- Implemented an end-to-end RAG pipeline for article ingestion, content extraction, chunking, embedding generation, vector similarity search, and citation-grounded answers.
- Developed streaming chat and summary experiences using the Vercel AI SDK, enabling interactive Q&A over article content with source-aware responses.

MoneyQ | AI Personal Finance Platform

<https://github.com/sadatsajid/money-q>

- Built a full-stack finance application with Next.js, TypeScript, Prisma, and Supabase for budgeting, savings, recurring expenses, analytics, and multi-currency tracking.
- Designed context-building and AI insight workflows that synthesize transactional, savings, and budget data to generate personalized financial guidance.
- Developed AI-driven expense categorization. Built chat-based financial assistant using OpenAI APIs and domain context.

TrySpecta | Virtual Try-On Eyewear Commerce

<https://github.com/sadatsajid/tryspecta>

- Built a glasses-first ecommerce platform as a Turbo/PNPM monorepo — Next.js 16 storefront, NestJS API, and background worker sharing typed contracts and Zod validators.
- Engineered the virtual try-on pipeline (image upload, job queueing, provider orchestration) on Postgres, Redis, and sharp image processing, with catalog, product pages, and checkout.
- Implemented secure auth (NextAuth, JWT/Passport, Argon2) and a full storefront UI on a custom CSS Modules design system.