

Talat Mahmud

Full Stack Software Engineer

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Summary

Mid-level Full Stack Software Engineer with 2.5+ years' experience delivering production-ready SaaS platforms with AI integrations. Built 7+ enterprise apps at Okriya, including AI video generation, conversational booking systems, and social media automation using GPT-4, HeyGen, and RAG. Skilled in React 19, Next.js 15, TypeScript, Node.js, Supabase, PostgreSQL, AWS, and Vercel. Experienced in integrating complex AI APIs, payment systems (Stripe, LemonSqueezy), and optimizing performance—reducing user friction by 40–90

Technical Skills

Languages & Frameworks: JavaScript, TypeScript, React.js (18/19), Next.js (14/15), HTML5, CSS3

Databases & Backend: Node.js, Express.js, PostgreSQL, Supabase, MongoDB, MySQL, Redis, Prisma ORM

Frontend Technologies: Tailwind CSS, Material UI (MUI), Ant Design, shadcn/ui, Daisy UI, Radix UI, Framer Motion, Fabric.js

API & Architecture: REST APIs, GraphQL, Webhooks, JWT, OAuth

AI & Generative AI: OpenAI GPT-4/GPT-4o, Google GenAI, HeyGen API, RAG Systems, Document Embeddings, AI Chatbots

Payments & Third-Party Integrations: Stripe, LemonSqueezy, PayPal, Twitter API v2, LinkedIn API, ClickFunnels, SendGrid, Google Map Api, Google Business Api

State Management & Data Fetching: Context Api, Redux Toolkit, TanStack Query (React Query), RTK Query, React Hook Form

Tools : Git, GitHub, Vercel, Netlify, DigitalOcean App Platform, Plesk, cPanel

AI Development Tools: ChatGPT, Gemini, Claude Code, Cursor, Codex, Antigravity

Professional Experience

Mid-Level Full Stack Software Engineer July 2025 – Present *Okriya Gulshan, Dhaka, Bangladesh*

- Architected and delivered 7+ production-ready SaaS platforms using Next.js 15, React 19, TypeScript, and Node.js, serving thousands of users with AI-powered features including GPT-4 chatbots, HeyGen video generation, and RAG-based legal assistants
- Built AI Testimonial Video Generator integrating HeyGen API (100+ avatars, 40+ languages) and OpenAI GPT 4, processing 500+ videos with LemonSqueezy subscription system and credit-based billing, reducing testimonial creation time by 90%
- Developed CPA Exam Platform with chunked video uploads (500MB files), AI study coach, task-based simulations, and learning analytics, achieving 95% student satisfaction through personalized GPT-4 guidance and progress tracking
- Engineered FeedSail social media automation platform with Fabric.js graphics editor, cron-based scheduling, and Google GenAI integration, automating content creation across Twitter/LinkedIn and reducing posting time by 80% Implemented Bus Daddy conversational AI booking system reducing form abandonment by 40% through GPT-4o
- natural language processing, Stripe payments, and multi-vehicle dynamic pricing with OAuth authentication Created Community Simple HOA compliance platform with RAG-based legal AI assistant, document embeddings, Stripe subscriptions, and role-based dashboards serving Admin, Board Members, and Homeowners • Optimized application performance through Next.js SSR, React Query caching, Redux Toolkit state management, and AWS S3 media storage, improving load times by 60% and reducing API calls by 45%

Frontend Engineer January 2025 – July 2025 *Project OTA Dhaka, Bangladesh*

- Spearheaded complete UI/UX redesign of B2B Agent and Admin Panel systems, increasing user engagement by 50%
- Integrated critical financial APIs including Account Ledger, Currency Converter, Office Expense Management, and Balance Inquiry System, enabling real-time multi-currency operations
- Developed advanced booking filters and Group Fare features with Add/Remove Traveler functionality,

improving booking accuracy and operational efficiency

- Implemented custom e-commerce event tracking (search, add-to-cart, checkout) using Google Analytics, enabling data-driven marketing optimization and A/B testing
- Enhanced system performance and scalability through code optimization and efficient state management with React hooks

Software Engineer May 2024 – January 2025 *Etripzone Chattogram, Bangladesh*

- Redesigned user interface resulting in 40% improvement in user experience metrics and customer satisfaction scores Implemented complex data manipulation logic for round-trip Air Astra API integrations, handling dynamic pricing and availability
- Built advanced filtering system for group fares based on multiple parameters (departure/arrival, date, airline), improving search efficiency by 60%
- Resolved 10+ critical production bugs across frontend and backend, improving system stability and reducing customer support tickets by 35%
- Collaborated with backend team to design and consume RESTful APIs, ensuring seamless data flow and real-time updates

Projects

Smarter CPAs Review — *EdTech LMS & AI Study Assistant* | Next.js 15, TypeScript, Express.js, OpenAI GPT-4, AWS S3, Click Funnels, Supabase

- **Link:** smartercpasreview.com
- Developed a CPA learning platform with chunked video uploads (500MB files), task-based simulations, and performance analytics.
- Integrated a custom GPT-4 study coach chatbot delivering personalized guidance and interactive practice tests.

Bus Daddy — *Conversational AI Booking System* | Next.js, OpenAI GPT-4o, Stripe, OAuth, Supabase

- **Link:** busdaddy.ai
- Engineered a conversational booking engine using GPT-4o for natural language handling and custom AI quote generation.
- Integrated Stripe dynamic pricing logic and OAuth authentication, reducing form abandonment by 40%.

ZamZam Travel — *B2B Online Travel Agency (OTA) Portal* | React.js, Tailwind CSS, Redux Toolkit, REST API

- **Link:** zamzam.travel
- Spearheaded complete UI/UX redesign of B2B Agent and Admin Panel systems, boosting engagement by 50%.
- Integrated financial ledgers, balance inquiry systems, dynamic flight fare filters, and multi-currency conversion APIs.

POS System — *Modern Web-Based Point of Sale Platform* | React.js, TypeScript, Tailwind CSS, Redux, Express.js, MongoDB

- **Link:** pos-system.vercel.app
- Engineered a high-performance web POS application for instant sales processing, real-time inventory management, and receipt generation.

Education

Bachelor of Science in Computer Science & Engineering

January 2018 – August 2022

East Delta University, Chattogram, Bangladesh