

ASIKUR RAHMAN

FULL-STACK SOFTWARE ENGINEER

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SUMMARY

Full-Stack Software Engineer with 5 years of practical experience building modern, scalable web applications. Skilled in designing and developing end-to-end SaaS products, integrating complex business workflows, and maintaining high performance and reliability. Experienced in both freelance and remote team environments, applying best practices, clean architecture, and modern technologies to deliver production-ready solutions.

EXPERIENCES

Full-Stack Web Developer (Remote & Freelance)
Freelance Full-Stack Developer | 2020 – 2024
Delivered end-to-end client projects using modern frameworks, real time features, and CI/CD workflows to build scalable, high-performance solutions.

Software Engineer — SaaS Product Development
OrangeToolz | 1 Year (On-site)
Built and maintained a scalable SaaS platform with modular architecture, complex integrations, and automated business workflows with ai. Ensured clean, high-performance code through best practices and optimization.

EDUCATION

Diploma in Computer Engineering
– Jhenaidah Polytechnic Institute (2020–2024)

Bachelor of Science in Computer Science
– Uttara University (2025–2028)

SKILLS

Front-End:
React, Next.js, Tailwind, Redux, Zustand, React Query, Apollo, Zod, React Hook Form, Websocket

Back-End :
Node.js, Express, Nest.js, Websocket, REST, GraphQL, BullMQ

Devops:
Docker, Nginx, GitHub Actions , Vercel, Netlify

Documentation:
Swagger, Postman, Insomnia

Familiarities :
Python, PHP, Go(Fiber), Rust

Primary Stack:

- Nest.js,, Websocket, Prisma, Postgres, Redis, BullMQ
- React, Socket.io, React-Query, Zustand, Zod, Tailwind, Shadcn

PROJECTS

Wagent.ai – WhatsApp Business Management Platform (SaaS)
Enterprise-grade CRM for sales and support teams

Core Features:

- Real-Time Inbox: Centralized WhatsApp messaging with customers via Twilio API
- Smart Agent Assignment: Round-Robin/Auto-assign available agents to incoming chats in real-time
- Contact Management: Import/export contacts with Google Sheets/ Google Contacts integration, manual CSV uploads
- CSV Processing: Chunked parsing with parallel processing (BullMQ), queue-based validation,
- 99.9% uptime, 10x faster CSV processing
- Number Validation: E.164 format validation before database storage
- Broadcast Campaigns: Send WhatsApp messages to customer segments with scheduling
- Trigger Automation: Date-based triggers (birthdays, anniversaries) with multiple actions
- Real-Time Notifications: Socket.io + Redis adapter for instant updates across users
- Third-Party Integrations: Google Sheets, custom API keys for contact creation
- Contact Segmentation: Custom fields and filtering for targeted campaigns
- Stripe Subscriptions: Recurring billing with real-time webhook event handling
- Role-Based Access: Super Admin, Admin, Team Leader, Agent with modular permissions
- Upload Tracking: Monitor large file processing with progress indicators
- Multi-Account Support: Manage multiple WhatsApp business accounts
- Reports & Analytics: Comprehensive dashboards for performance tracking
- Mobile-Friendly: Responsive design for on-the-go management

Technologies: NestJS, Prisma, MySQL, Redis, BullMQ, Socket.io, NestJS Scheduler, AWS S3, Stripe, Firebase, Swagger, Passport.js, Postmark | React, TypeScript, Vite, Zustand, React Query, ShadCN UI, Tailwind CSS, Zod, React Hook Form, Papaparse, libphonenumber-js, React Markdown, Socket.io-client

Dialytics – AI Call Transcription & Analytics (SaaS)
Transform customer interactions into actionable business intelligence

Core Features:

- AI-Powered Analysis: Upload call recordings for automated transcription and sentiment analysis
- Queue Processing: Worker threads analyze calls in background, generate detailed Markdown reports
- Real-Time Notifications: Socket.io alerts for analysis progress and completion
- Custom PDF Generation: Well-formatted Markdown reports with personalization
- Email Delivery: Automated PDF sending via Postmark with download links
- Performance Leaderboards: Identify top performers based on call quality metrics
- Analytics Dashboards: Monthly and yearly insights with visual charts
- Stripe Subscriptions: Recurring billing with automated payment handling
- Call History: Browse and search previous uploads with filtering
- Audio Playback: Waveform visualization with timeline navigation
- Role-Based Access: Super Admin, Admin, Team Leader, Agent permissions
- Theming Support: Light/dark mode with customizable branding
- Mobile-Responsive: Optimized interface for all devices

Technologies: Node.js, Express, Sequelize, MySQL, Socket.io, Zod, AWS S3, Stripe, Passport.js, Fluent-FFmpeg, Multer, Piscina Workers, Firebase | React, TypeScript, Vite, Zustand, React Hook Form, @react-pdf/renderer, Wavesurfer.js, ShadCN UI, Tailwind CSS, Socket.io, Recharts, React Markdown, Next-Themes

PROJECTS

Super Local Fans – Social CRM & UGC Platform

All-in-One platform for content creation, loyalty programs & customer engagement

Key Contributions:

- Super QR Code System: Dynamic QR generation for menus, loyalty programs, campaigns, business cards, and website previews
- Social Post Automation: Scheduled content publishing with campaign management
- Microservices architecture with micro-frontend integration
- Queue-based background processing for scalability
- Multi-Provider Auth: Google, Facebook authentication via Passport.js
- File Management: AWS S3 for secure media storage and delivery
- Analytics & Reports: Track campaign performance and customer engagement

Technologies: NestJS, GraphQL, Apollo, Redis, BullMQ, AWS S3, Passport.js | React, React Query, TypeScript

CineZonePlus – Movie Discovery Platform

Explore movies, TV shows, and entertainment with stunning UI/UX

Key Features:

- Advanced Search: Discover movies, TV shows, and people with intelligent filtering
- Content Categories: Browse top-rated, popular, trending, and upcoming titles
- Trailer Integration: Watch trailers directly in-app with video player
- User Watchlists: Save and organize favorites with personal collections
- Detailed Information: Cast, crew, ratings, reviews, and recommendations
- Server-Side Rendering: Optimized SEO and lightning-fast page loads
- Responsive Design: Beautiful interface across all devices
- TMDB Integration: Real-time data from The Movie Database API

Technologies: Next.js, TypeScript, Prisma, MongoDB, ShadCN UI, TMDB API

Evenure – Multi-Vendor E-Commerce Platform

Full-stack marketplace with vendor management & advanced filtering

Key Features:

- Multi-vendor system with individual dashboards
- Nested product filtering (category, price, rating, attributes)
- Stripe payment gateway integration with order tracking
- Product reviews & ratings system
- Order Management: Track orders from placement to delivery with status updates

Technologies: Next.js, Redux, React Query, Express.js, MongoDB, Cloudinary, Stripe, Passport.js

Cineflicks – Movie Streaming with Influencer Campaigns

Stream movies & TV shows with integrated loyalty rewards

Key Features:

- Influencer campaign system with coupon code tracking
- Social media integration for reward unlocking
- Dynamic leaderboards for user engagement
- SEO-optimized with SSR/SSG for content pages
- Media management with Cloudinary (video/photo uploads)
- Authentication via NextAuth with google provider

Technologies: Next.js (SSR/SSG/CSR), Prisma, MongoDB, NextAuth, Cloudinary, ShadCN UI

Linky/Chatiaa – Real-Time Chat Application

Enterprise-grade messaging with channels, groups & file sharing

Key Features:

- One-to-one, channel, and group messaging
- Real-time notifications via Socket.io
- File sharing with AWS S3 integration
- Online presence tracking
- Message read receipts & typing indicators

Technologies: Node.js, Socket.io, Redis, AWS S3 | React, TypeScript, Zustand

Trippz API – Travel Booking Platform

RESTful API for comprehensive travel booking system (Freelance Project MVP)

Key Features:

- Multi-provider authentication (Google, Facebook, Apple, Credentials)
- Booking management with payment processing
- Email & SMS notifications (SendGrid + Twilio)
- Complete API documentation with Swagger
- TypeScript for type-safe development
- Production-ready with comprehensive error handling
- Swagger Documentation: Complete API reference with interactive testing
- Error Handling: Comprehensive validation and error responses
- Auth Middleware, Rate Limiting

Technologies: Express.js, TypeScript, Prisma, PostgreSQL, Passport.js, SendGrid, Twilio, Swagger