Shahin Alam

Software Engineer

Results-driven Software Engineer with **2.5+ years of hands-on experience** building scalable, responsive web applications. Proven expertise in **React ecosystem, state management, and third-party integrations**. Recognized as **Performer of the Quarter** (Q3 2024) for delivering high-impact CRM features and AI-powered solutions. Founder of **EduFusion**, a live AI-powered school management SaaS.

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EXPERIENCE

Orangetoolz, Uttara, Dhaka — *Software Engineer*
March 2024 - PRESENT

SuperLocalFans — ***Backend:*** *Node.js, Express, NestJS, MySQL*
• Built **REST APIs** for testimonials and reviews, **loyalty campaigns and voting**
• Built **background job queues** for **skip tracing, data cleaning and map scraping**
• Built **GPT content and image generation APIs** with smart suggestions, cutting content creation time by **40%**

PypePro — ***Frontend:*** *React, Material-UI, Redux Toolkit, Zustand*
• Built CRM workflow screens for **email automation, the auto-dialer and user interaction tracking**, plus data-pipeline views
• Integrated **Nylas Email/Calendar, Zapier, NowCerts and EZLynx**, connecting users' email, calendars and insurance agency tools to the CRM
• Cut load times by **20%** with **code splitting, lazy loading and React Query caching**
• Worked with designers, backend engineers, QA and DevOps, and directly with clients to gather requirements and ship features on tight deadlines

Core Devs, Mirpur DOHS, Dhaka — *MERN Stack Developer (Intern)*
January 2024 - March 2024
• Contributed to MERN-based features using React, Node.js, and MongoDB; assisted with API integration and bug fixes

EDUCATION

Mirpur College — *Bachelor of Science (CSE)*
November 2021 - 2025

PROJECTS

EduFusion, AI School Management SaaS — *Founder*
May 2026 - PRESENT · **edufusionbd.online**
• Founded and launched a **multi-tenant SaaS** for Bangladeshi schools: attendance, exams, **GPA results, fees**, salaries and guardian alerts over **WhatsApp and SMS**
• Built the **React 19 PWA** and **NestJS / TypeScript API** (MongoDB, Redis, BullMQ); deployed with **Docker on AWS EC2**
• Created an **AI question-paper generator** (Groq, OpenAI, Gemini) for NCTB exams in Bangla and English; a second model pass **verifies every answer key**
• Tenant-scoped data access, **MongoDB transactions** for fees, **273 test files**

Cliento, Full-Stack CRM Platform — *Personal Project*
• Full-stack CRM: **React, TypeScript, Redux Toolkit, React Query, MUI, Node.js, Express, MongoDB**, with **JWT auth**, role/subscription-based routing and REST APIs
• Added **Stripe subscription billing**, **Gmail API email threads** (send, receive, track in-app), Cloudinary uploads and Brevo email workflows
Live: cliento-crm.vercel.app · API Docs · **GitHub:** Frontend · Backend

SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML, CSS

State & UI: Redux Toolkit, RTK Query, React Query, Zustand, Material-UI, Shadcn UI, Tailwind CSS

Backend: Node.js, Express.js, NestJS, REST APIs, JWT, Google OAuth, Prisma

Data & queues: MongoDB, MySQL, PostgreSQL, Redis, BullMQ, Firebase

DevOps: Docker, AWS EC2, Git, GitHub

AI & integrations: OpenAI (GPT), Groq, Gemini, Stripe, Gmail API, Nylas, Zapier

PROFESSIONAL HIGHLIGHTS

Performer of the Quarter (Q3 2024)
Orangetoolz, Dhaka, Bangladesh — for shipping high-impact CRM features on PypePro and AI content tools on SuperLocalFans.

LANGUAGES

Fluent in Bengali (native) and possess strong proficiency in English, with excellent reading, writing, and speaking skills.