

# MD Samiul Alam Khan (Riad)



Full Stack & AI Engineer |  
Founder of Qbexel | Lead  
Developer of Synapse Social  
(SaaS).| NSU SN Cohort 3  
Selected Co-Founder

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## Qbexel (Start-up)

[Facebook](#), [Qbexel](#)

Tech start-up specializing in AI, web  
& app development, UI/UX design,  
SEO, branding & digital Marketing.

## Recent Projects

### AutoMate (SaaS)

AI-powered platform that automates  
and streamlines courier entry  
processes. [AutoMate Steadfast](#)  
[AutoMate Pathao](#)

### Synapse Social (NSU SN Cohort 3 – Selected Startup Project)

Multi-tenant AI agent platform for  
Messenger sales automation.  
Handles human-like conversations  
(text, voice, image) with contextual  
memory. Built with **Messenger API**,  
**Redis**, **Qdrant**, **LangChain**.

## Education

SSC – Bindu Basini Govt Boys High School, Tangail  
Division **Science (2016)**

HSC – Mawlana Abdul Hamid Khan Vashani Degree College, Tangail Division  
**Science (2018)**

BSC – Computer Science & Engineering (NU)

## Summary

Full-Stack & AI Engineer with 5+ years of experience building scalable SaaS platforms, enterprise-grade AI agents, and high-performance web applications. Co-Founder of **Qbexel** and creator of **Synapse Social** (NSU SN Cohort 3), a multi-tenant AI agent platform serving F-commerce businesses with conversational AI on Messenger. Expertise in **Next.js**, **React**, **Node.js**, **Prisma**, **PostgreSQL**, **Redis**, and **vector-based RAG systems** using LangChain. Proven track record delivering **AutoMate** (200+ active users) and **20+ client projects** across CMS, e-commerce, and custom SaaS solutions.

## Experience

### Co-Founder & Lead Engineer – Qbexel (2024 – Present)

As Co-Founder and Lead Engineer at Qbexel, I lead the development of AI-driven SaaS products and full-stack web applications. My flagship project, **Synapse Social**, is an enterprise-grade multi-tenant platform integrating AI agents (chatbot, image generation, and audio processing) to automate customer interactions for F-commerce businesses. The system is built on a **Redis-first architecture** with **PostgreSQL (Prisma ORM)** and **LangChain-based AI workflows**, delivering high scalability, security, and real-time performance. Beyond product development, I have delivered **20+ client projects**—including CMS platforms and e-commerce solutions—managing the full development lifecycle from requirements gathering and UI/UX design to deployment and optimization.

### Freelance Full Stack Developer (2020 – 2024)

Built custom web applications using **React**, **Next.js**, **Node.js**, and **TypeScript**, prioritizing performance optimization and user experience. Developed reusable npm packages, engineered modern CMS dashboards with authentication and role-based access control, and delivered custom SaaS features for diverse client requirements. Implemented **DevOps practices** including Dockerization, AWS deployments, and CI/CD pipelines to accelerate delivery cycles. Gained deep expertise across **frontend ecosystems** (Redux, React Query, GSAP, Framer Motion) and **backend technologies** (Express, Prisma, MongoDB, PostgreSQL), establishing the technical foundation for subsequent AI-powered SaaS development.

## Professional Skills, *Tools* & *Technologies*

**AI & Backend:** LangChain, RAG, OpenAI API, Redis, Qdrant, BullMQ, Prisma, PostgreSQL, Neon.

**Frontend:** React, Next.js, Redux, React Query, GSAP, Framer Motion, Tailwind.

**Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, CloudWatch), Docker, GitHub Actions, Vercel, CI/CD pipelines.

**Tools:** Git, Docker, Vercel, Supabase, Figma. App design, Video editing, Graphics design.

**Programming Languages:** JavaScript, TypeScript, Python, C/C++.

**Industrial Knowledge:** Web development, UI/UX design, Web & App design, Video editing, Graphics design.

## Achievements & Impact

**AutoMate** platform has reached **200+ active users** as of 2025/10/01, efficiently streamlining courier operations, streamlining courier operations efficiently.

Multiple **F-commerce businesses** approached us for **custom SaaS solutions**, recognizing our expertise.

Successfully founded and launched **several businesses SaaS products**, establishing credibility in AI-driven web and app development

**Knowledgeable in** C/C++, React Native, Expo, App Development C/C++, React Native, Expo, App Development, ML

## Language

Bengali – Native  
English – Intermediate

## Professional Strengths

**Team Collaboration:** Effective team player with proven leadership abilities in cross-functional projects.

**Communication:** Translate technical requirements for non-technical stakeholders and business teams.

**Adaptability :** Rapid technology adoption and self-directed learning, particularly in emerging AI technologies.

**Critical Thinking :** Evaluate multiple technical approaches to determine optimal, scalable solutions.

**Problem-Solving :** Break down complex technical challenges into manageable components and deliver solutions.