SAJJAD JONAYED

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ABOUT

Innovative Full-Stack Developer specializing in the development of scalable business tools and Retrieval-Augmented Generation (RAG) architectures. Expertise lies in delivering end-to-end technical solutions that align strictly with business objectives. Recognized for rapid adaptability to new tech stacks and a persistent approach to resolving engineering difficulties through creative problem-solving.

TECHNICAL SKILLS

Languages - Typescript, Javascript, Python, C++

Frontend - React.js, Next.js, Tailwind CSS, Redux, GSAP

Backend - Express.js, Socket.io, BullMQ, Node Cron

Databases & ORM - PostgreSQL, MongoDB, Redis, QdrantDB (Vector), Prisma, Drizzle, Mongoose

DevOps & Cloud - AWS, Docker, GitHub Actions, Vercel, Render, Turborepo

AI Engineering - LangChain, LangGraph, Groq Cloud, Google Gen AI, HuggingFace

Version Control - Git, Github

Tools - Git/GitHub, Postman, Linux/Unix

PROJECTS

Nov - Dec, 2025
Live Website
Github

StyxFlow Autonomous Hiring Ecosystem with Vector Search & Voice AI

The platform serves a dual purpose: it empowers job seekers to showcase their actual competency beyond paper credentials and enables employers to make data-driven hiring decisions instantly.

- **Tech Stack:** Typescript, Next js, Express js, Docker, Drizzle ORM, Vapi, BullMQ, PostgreSQL, AWS EC2, Turborepo, GSAP, Redis, Groq Cloud SDK
- **Key Features:**
  - Dynamic Questioning
  - Real-Time Voice Interaction using VAPI
  - Session Recording
  - Semantic Search using QdrantDB
  - Reduced user registration time using BullMQ to handle asynchronous resume upload

Aug - Oct, 2025
Live Website
Github

FeroSpark AI-Enhanced Collaborative Project Management Ecosystem

The platform creates a unified workspace where Project Managers can orchestrate workflows, while team members can collaborate seamlessly through integrated tools.

- **Tech Stack:** Typescript, Next js, Express js, Prisma ORM, BullMQ, PostgreSQL, GSAP, Redis, Groq Cloud SDK, Socket.io, Redux
- **Key Features:**
  - Utilizes AI to automatically break down high-level objectives into manageable sub-tasks
  - Live chat room for every project
  - Tiered access (Basic/Orbit) with 14-day free trials and secure payment processing via SSLCommerz
  - Handles heavy background tasks like emailing using BullMQ workers
  - Smart Invitation System, which handles onboarding dynamically

Mar - Apr, 2025
Github (server)
Github (client)

Classync Classroom management Platform for students and teachers

Common platform for students and teachers to share classroom materials, attendance marking and real time interactions.

- **Tech Stack:** Typescript, Next js, Express js, MongoDB, Mongoose, Socket.io, Dropbox api, Node Cron
- **Key Features:**
  - QR-code scan to mark attendance for students.
  - Realtime scheduled Chat system between student and teacher.
  - Assigning of assignments and evaluating student's assignments.
  - Attendance statistics with realtime class routines.

EDUCATION

| 2023 - Present | **Bsc. in Computer Science and Engineering** |
| Southeast University | Dhaka, Bangladesh |