

Saad Ahmed

Software Engineer

+923096253043 ◇ iamsaad640@gmail.com ◇ Lahore, Pakistan ◇ [LinkedIn](#) ◇ [Github](#)

WORK EXPERIENCE

Software Engineer

Jan '25 — Present

Teczon LLC

Lahore

- **Entrepreneurial Guide System + Business Mentor Agent**
 - Refactored legacy business-logic flows, eliminating inefficiencies and improving agent decision accuracy.
 - Redesigned the platform's UI/UX for clarity and conversion, resulting in more consistent and reliable user outcomes.
 - Built agentic memory modules and roadmap tools to enable long-term contextual reasoning and improved mentoring with structured roadmap guide consistency.
- **Full-Stack AI Platform**
 - Rebuilt SaaS dashboard with multi-tenant auth, Stripe checkout, knowledge base management, and embeddable chatbot widget generator for one-click website deployment.
 - Developed content extraction microservice with async webhook processing for intelligent web scraping, document chunking, and vector embedding pipeline.
 - Architected RAG-based conversational AI service using LangGraph and pgvector for semantic document retrieval and context-aware business mentoring responses.
- **AI Integration System – n8n + Python Service + Plumb/Nomikt**
 - Built a modular workflow using n8n and a separate Python service to handle tool execution, user isolation, and logic that Plumb couldn't support directly.
 - Implemented a lightweight RAG layer and output-checking pipeline using GPT-OSS and a reranker model to ensure stable, verifiable results.
- **LinkedIn AI Agents:**
 - developed Agent from scratch to create strategic human like post and format.
 - Uses existing high performing post, to create a new post.
 - Integrated Google Sheet to automate posting
- **AI Blog Agent**
 - Same like LinkedIn Agent, but added SEO tools, to get rankable keywords, and generate rankable content
- **Stock suggestion Tool - (Frontend, Chatbot)**
 - build dashboard frontend of the project, of given UI.
 - created a Chatbot and integrate it with custom action-based agent of dashboard.
- **Resume Agent - AI Powered Resume Builder:**
 - build resume generation process by giving profile summary and job description
 - build action oriented ai agent chatbot that helps user to suggest and take details and show in resume by just answer to the question in plain English.
 - included features like undo, redo, download, live editing.
 - build both frontend and backend of it.

Full Stack Web Developer

Jul '24 — Dec '24

Rutal, inc

Lahore, Pakistan

- **Kitty Mobile App Backend**
 - Built the backend architecture from scratch using Node.js, Prisma ORM, and PostgreSQL.
 - Implemented an efficient token-based authorization system for secure user authentication.
 - Developed secure APIs to integrate with ease with mobile application.
 - Documented APIs using Swagger for streamlined collaboration and maintenance.

• **Midhah.com**

Admin Panel

- Designed and developed the admin panel from scratch using React.js.
- Integrated APIs to enhance control and management of website functionalities.

Backend

- Developed new APIs to support the admin panel and provide greater control over website operations.
- Developed a "view record" API to track and analyze user views on specific lyrics.

Website

- Integrated APIs to collect and display view statistics for individual lyrics.
- Designed and implemented sections to promote less-trending lyrics, encouraging user engagement.

Web Developer

Mar '23 — Dec '23

Punjab Information Technology Board - NEP - NIC

Gujrat, Pakistan

- Developed website for startup and deployed it.

- Collaborated with development team to build Mobile Application as backend developer

EDUCATION

Bachelors in Software Engineering, University of Gujrat (GPA: 3.09)

- Learned basic of programming in C++. Studied Oop and Data structures. Studied courses like Requirement Engineering, and Software Architecture. Learned basics of web. Built final year project and showcase in exhibition.

SKILLS

Frontend Development react.js, nextjs, javascript, TypeScript, Html, css, tailwind, material ui, antdesign

Backend Development node.js, express.js, mongoose, prisma, TypeScript, typeorm, nestjs, FastAPI, Python, Alembic

AI Development Openai, LangChain, AI Agents, RAG Chatbots, Openai SDK, Nomik (Embedding), PLLUMB, GPT OSS, vLLM

Database Management mongodb, mySql, PostgreSQL, Qdrant, Chroma

API Documentation Swagger, Openapi

Version Control git, Github

Testing vitest, happy-dom, playwright

Api Testing Postman

How Know Docker, Jira, AWS, Apache HTTP Server, Python, Go, heruko, runpod (AI model hosting)

CERTIFICATIONS

Meta Advanced Reactjs, Coursera

Nextjs with typescript, Code with Chai

The Complete Node js Course, codewithmosh.com

Intro to Frontend Development, Coursera

PROJECTS

AI-Powered Job Board Platform

- Rebuilt and completed an unfinished WordPress job board platform to support four distinct business models with custom job posting and applicant search modules.
- Developed intelligent AI agents using the OpenAI Agent SDK: a job search agent for candidate matching, an applicant recommendation agent for employer needs, and an automated job description generator.
- Architected a scalable backend API with Express and PostgreSQL to support multi-tenant job board operations and secure data separation.
- Integrated advanced search and filtering capabilities to connect employers with qualified candidates more efficiently and improve match relevance.

Midhah.com, Rutal, Inc [Link](#)

- Midhah is the leading and most authentic platform for Naat lyrics, in addition to Hamd, Manqbat, and Durood o Salam built frontend, backend of admin panel with react typescript.
- integrated apis of lyrics, poets pf create, get, delete, update.
- refactor some apis, by updating wrong scheme implemented.
- developed cruds for languages, genre using node, prisma, zod, MySQL, express.
- implemented language in frontend of midhah admin.

LawyerKonnnect Startup

- LawyersKonnnect is mobile application based project which can bridge the gap between citizens and lawyers by enabling citizens to access suitable lawyers.
- The app has realtime chat.
- built website for lawyerkonnnect.
- built backend for lawyerkonnnect to use in the app.

Kitty Mobile App Backend, Rutal, Inc [Link](#)

- Developed backend APIs with Swagger documentation to support mobile app integration, improving developer onboarding and integration speed.
- Designed the database schema using Prisma ORM and deployed on Supabase (PostgreSQL) for reliable data storage and simplified migrations.