Riza Mohammad Khan

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Education

National Institute of Technology, B.Tech in Computer Science	Nov 2022 – July 2026
Government Higher Secondary School, Jawahar Nagar – Kashmir, Class XII	Feb 2021 – Feb 2022

- Secured 98.73 percentile in Entrance – opening rank for college admission
- Ranked in the top students in the state with a 98.6 score

Burn Hall School, Sonawar – Srinagar, Class X	Sep 2007 – Jan 2021

- Secured 93.4 percent in 10th boards

Experience

AI and Automation Expert, Automee – Poland (Remote Full-time)	July 2024 – Jan 2025

- Led communication, customization, and development of AI solutions for 12 clients, including Skinlight and OpenMind
- Collaborated within a multinational team of developers from Poland, Philippines, and India
- Responsibility also included creating custom automations using tools like Python, Zapier, Gohighlevel pipelines, Make etc

AI trainer, Soul AI – India (Remote Part-time)	Mar 2024– May 2024

- Helping train state-of-the-art Large Language Models (LLMs)
- Acting as a domain expert in facilitating Reinforcement Learning via Human Feedback to fine-tune AI models

Projects

GenMon – Windows Activity Monitoring Suite Generator

- Engineered "GenMon," a Go-based Fyne GUI that uniquely generates a standalone Windows activity monitoring suite (P2P client/server) by leveraging an embedded Go compiler and source code templates, eliminating the need for users to have a Go development environment.
- Developed the generated Windows client for discreet application/keyboard monitoring with local encrypted SQLite caching and auto-start, and a server with log decryption, storage, and a web UI for data viewing/export.
- Ensured generated client/server are CGo-free and highly portable by using pure Go (modernc.org/sqlite), facilitating compilation by the embedded Go compiler within GenMon.
- Tools Used: Go, Fyne, Libp2p, AES-256, modernc.org/sqlite, HTML/CSS/JS, Windows API
- github.com/RIZAmohammadkhan/GuiKeyStandaloneGo

MinSo – Real-Time Social Platform for Humans & AI

- Architected a full-stack, real-time social media platform using React, Node.js, TypeScript, and PostgreSQL, featuring posts, comments, DMs, a trending feed, and live WebSocket updates.
- Developed a comprehensive, multi-language AI interface (Node.js, Python, PowerShell) with full API documentation and working examples, enabling easy bot creation and platform automation.
- Containerized the entire application stack using Docker and Docker Compose, including a PostgreSQL database and an automated migration script for one-command setup and deployment.
- Tools Used: React, Node.js, TypeScript, Express, PostgreSQL, Drizzle ORM, WebSockets, Tailwind CSS, Docker
- github.com/RIZAmohammadkhan/MinSoTextStream

Technologies

Languages: Python, C, Go, HTML/CSS, JavaScript, SQL

Libraries: CrewAI, FastAPI, Flask, Pydantic, Numpy, Pandas , OpenCV, libp2p, matplotlib (for data visualization)