Riza Mohammad Khan

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github.com/RIZAmohammadkhan

Education

National Institute of Technology, Srinagar, B.Tech in Computer Science   Nov 2022 – Present
- Achieved 98.73 percentile in JEE Main, securing admission among the top-ranking candidates.

Burn Hall School, Class XII & X   Completed Feb 2022
- Graduated among the top students in the state with 98.6% in Class XII.

Experience

AI and Automation Expert, Automee – Poland (Remote Full-time)   July 2024 – Jan 2025
- Led the development and customization of AI-powered solutions for over 12 international clients, driving project success from initial consultation to final deployment.
- Designed and implemented custom automation pipelines using Python, Zapier, and Make, significantly enhancing client operational efficiency and workflow.
- Collaborated effectively within a multinational team of developers from Poland, the Philippines, and India.

AI Trainer, Soul AI – India (Remote Part-time)   Mar 2024 – May 2024
- Trained and evaluated state-of-the-art Large Language Models (LLMs) by creating domain-specific datasets and providing expert human feedback for Reinforcement Learning (RLHF) fine-tuning.

Projects

AI Gallery Studio – AI-Powered Image Management Sharing Platform   GitHub Link
- Leveraged Google's Genkit AI and Gemini models to enable natural language search, automatic metadata generation, and defective image detection.
- Engineered a secure, multi-stage Docker deployment pipeline with automated secret validation for robust, enterprise-grade deployment.
- **Tech**: Next.js, TypeScript, MongoDB, NextAuth.js, Google Genkit, Gemini AI, Docker, Tailwind CSS.

MinSo – Real-Time Social Platform for Human and AI Interaction   GitHub Link
- Architected a full-stack social platform with live WebSocket updates and a documented, multi-language API to facilitate seamless AI bot integration.
- Containerized the complete application stack (React, Node.js, PostgreSQL) using Docker Compose for reproducible one-command deployment.
- Tech: React, Node.js, TypeScript, PostgreSQL, Drizzle ORM, WebSockets, Docker.

GenMon – Windows Activity Monitoring Suite Generator   GitHub Link
- Developed a novel Go application that generates a standalone Windows monitoring suite by embedding the Go compiler, eliminating user-side development dependencies.
- Generated client discreetly tracks activity with encrypted local storage (SQLite), while a server provides a web UI for log decryption and analysis.
- **Tech**: Go, Fyne, Libp2p, AES-256, SQLite, Windows API.

Technical Skills

Go, Python, TypeScript, JavaScript, HTML/CSS, SQL, Next.js, React, Node.js, MongoDB, Docker, Git, Zapier