

Roshan Sharma

📍 Delhi, Delhi, India ✉ 2001roshansharma@gmail.com ☎ +919971518277 📄 in/roshan-sharma-66b737184 🌱 rshero.github.io

SUMMARY

I am a highly skilled software engineer with expertise in full-stack development, machine learning, and graph-based technologies, delivering innovative solutions for social network analysis and AI-driven insights. I built a cutting-edge social network analysis app using React, SigmaJS, Python, and NestJS with SSE for real-time data, integrated with Gemini for AI insights and NLP for sentiment analysis, alongside a Neo4j-powered relationship generator, a LangChain RAG chatbot with Knowledge Graph, and a multi-source bot detection system. My work also includes an anomaly detection pipeline using Isolation Forest and HBOS, a profiling system with GPT queries across social media and cell providers, facial recognition with OpenAI CLIP and Milvus, and interactive dashboards with Apache Superset and React. Proficient in React, Python, NestJS, Neo4j, and AI integration, I excel at transforming complex data into impactful, scalable solutions, making me an ideal candidate for innovative tech roles.

EXPERIENCE

SDE L1 - Full Stack

S2T.ai

August 2025 - Now, Remote

- Created a social network analysis app using React, SigmaJS (for graph rendering), Python and NestJS for backend with SSE to render data on yield, Gemini for AI insight generation and NLP for sentiments.
- Superset In-house dashboard - Created charts using apache superset and a react app to feature dashboards with comments etc.
- Created an Anomaly detection on multiple social media sources using Isolation Forest, HBOS detection algorithms.
- Created a Chatbot with Langchain RAG interface using Knowledge Graph for advanced context and function calls for extra analysis.
- Created a profiling system with GPT query engine searching through out multiple social media and multiple cell providers supporting various sources.
- Created a relationship generator using Neo4j to store the relationships from social media.
- Created a bot detection system for multiple social sources.
- Created a Facial recognition using openai Clip embedding and milvus to store database.

Junior Backend Developer

Alvara Protocol

Feb 2024- Mar 2024, Remote

- Contributed to backend development of blockchain applications, focusing on Python code optimization.
- Developed RESTful APIs to facilitate frontend-backend communication.
- Collaborated on implementing security protocols for authentication and authorization.
- Supported backend service deployment and monitoring in a production environment.

Assistant Python Developer

MyTrade

Aug 2023 - Nov 2023, Remote

- Enhanced backend functionalities by optimizing Python scripts and improving data management processes.
- Integrated third-party APIs to improve data retrieval and processing efficiency.
- Debugged and refined existing code to boost performance and scalability.
- Participated in code reviews and contributed to new feature development.

PROJECT

Personal Portfolio Website

Personal • rshero.github.io • June 2024 - June 2025

- Designed and developed a responsive portfolio website using GoHugo web server in golang.
- Implemented responsive design for compatibility across various devices.

Llyod - Advanced Telegram Bot

Personal • github.com/rshero/llyod • July 2024 - July 2024

- Developed a Telegram bot for advanced information retrieval related to comics and books.
- Integrated multiple APIs to optimize response times.
- Implemented web scraping for sites to generate additional data.

EDUCATION

Diploma in Information Technology & Management

Ambedkar Institute of Technology • Delhi • 2018-2021 • 74

SKILLS

React, Python, HTML, CSS, JavaScript, SQL, Neo4j, Golang, Lua, bash, Powershell, NoSQL, Analytics

Git

PowerShell, Bash

AI, ML, RESTful APIs, Web Development

GitHub, VS Code, Database Management
