

Krishna Jain

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EDUCATION

Poornima College Of Engineering

Completed: June 2024

Bachelor of Technology in Computer Science (GPA: 8.0 / 10.0)

- Relevant Coursework: Software Engineering Principles, Cloud Computing, Data Structures and Algorithms (C++), Artificial Intelligence (Python), Web Development (JavaScript).

EXPERIENCE

Synapsewave Innovation Technologies /

Feb 2024 - Present

63 moons Technologies

Software Engineer

Mumbai, Andheri E.

- Contributing to the development of a **New Generation Order Management System (OMS)** with multi-exchange support using **GoLang, C++, Kafka, gRPC, Redis, PostgreSQL, Docker, Python, Linux, FIX-Engine (QuickFIX)**.
- Built exchange gateways for **NSE, BSE, NCDEX – FIX Protocol** in C++ and GoLang.
- Debug, stabilize, and enhance the **Legacy ODIN-OMS Server** and its components; handling live issues and feature development.
- Worked on stabilizing the **Legacy MFC-based Trading Platform (C++)** and resolved multiple production issues.
- Worked extensively with **FIX Engines (QuickFIX)** while redeveloping the legacy **C# NCDEX Exchange Gateway** into modern C++.

GKMIT

Oct 2023 – Feb 2024

Node js Developer

Udaipur, Rajasthan

- Developed Various FinTech solutions like Banking application and wealth management system for clients in Golang ,node js and react js
- Designed Database in postgres as per the required architecture and optimize the front client
- Developed various full stack project with technologies like front-end with React and Next js and with backend with node js and go like splitwise , zomoto etc

PROJECTS

Exchange Simulator

Oct 2025- Present

Technologies: Modern C++, GoLang, GRPC, Kafka, Redis, PostgreSQL, Python, Docker, Linux

- Designed and currently implementing a fully modular exchange simulator capable of simulating real-world exchange behavior (NSE, BSE, NCDEX).
- Architected and built multiple microservices, including Matching Engine, RMS Service, Broadcast Service, User Management Service, OMS Service, and a Recovery & Disaster Management System.
- Built a **plug-and-play trading playground** for testing legacy systems, user training, and OMS performance validation.

AI Powered Custom LLM (local-copilot)

Technologies: Python, Machine Learning , Pretrained LLM models,nodejs,React js

- A Pretrained model which is Trained more on users code bases and provide code solution locally and also can read API docs
- Full local LLM model with VS-Code integration and a website to query your code base and integrate output directly in code bases

TECHNICAL SKILLS

Programming Languages: **GoLang , C++ , Python , Javascript, TypeScript**

Frameworks and Tools: **React.js, Node.js, Docker, PostgreSQL, Git, GitHub , GRPC, Redis, Kafka, Linux,**

Concepts: Microservices Architecture, RESTful APIs, CI/CD, Machine Learning, Agile Development