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Experience

Centricity WealthTech Pvt. Ltd.

Feb 2025 – Present

Senior Software Developer

Gurugram, Haryana

- Led a team of 8 and built a trading platform from the ground up, architecting the system end-to-end from Day 1 using Golang.
- Improved and optimized core financial logic for various financial products, ensuring accuracy and reliability.
- Architected core platforms with multi-service design patterns, achieving 99.9% uptime and near-zero downtime through fault-tolerant service-to-service communication and data consistency across distributed systems.
- Created a common onboarding service with configurable workflows, supporting various financial products and onboarding types across multiple platforms.

Lotusdew Wealth and Investment Advisors

Apr 2022 – Feb 2025

Senior Software Engineer

Hyderabad, Telangana

- Led two projects with teams of 5, engineering scalable web applications and enterprise backend systems, boosting engagement by 50% and reducing downtime by 30%.
- Designed Full Stack Back Office for Stock Brokerage System and built CI/CD pipelines using Github, AWS and Nginx for 5+ projects.

PhenomPeople

Jan 2022 – Apr 2022

Product Development Engineer - 1

Hyderabad, Telangana

- Developed HR management solutions using NLP/ML and automated ML pipelines, achieving 20% faster model deployment.

Intellewings

Mar 2021 – Oct 2021

Machine Learning Engineer - Intern

Panchkula, Haryana

- Built NER models for PEP data extraction and a web scraping system for adverse media with 90% accuracy.

Projects

Trading Platform | Golang, PostgreSQL, SQL, Django, Python

- Led the development of a trading platform from scratch, enabling end-to-end trade lifecycle management across multiple financial products.
- Architected multi-service communication layer for real-time data flow between trading, financial logic, and reporting services.
- Implemented core financial computation engines handling accurate calculations for diverse product types with high reliability.

Advisory Platform | Python, Flask, MySQLAlchemy, AWS, Nginx, Java

- Web application with onboarding, KYC validation, payment gateway and wealth dashboard with chatbot feature.
- One stop solution for investments with Portfolio buckets, Mutual Funds, trade tracking and execution, connecting to third party brokers.

Brokerage Backoffice | Elixir/OTP, Phoenix, MySQL, Nginx, HTML, CSS

- Full Stack Backoffice application for brokerage operations – trades, customer accounts, funds, deposits and withdrawals – reducing manual data entry by 80%.
- Handles daily administrative tasks, client report generation and reporting to Exchanges, Clearing Members and Clients.

Technical Skills

Languages: Golang, Python, Elixir/OTP, Java, C++, C, Shell, SQL

Technologies: Next.js, FastAPI, Flask, Django, Phoenix, LiveView, PostgreSQL, MongoDB, AWS, Terraform, GCP, React.js, Spring Boot, TensorFlow, PyTorch, Scikit learn, Node.js, Nginx, Kubernetes, Docker, Git/Github

Concepts: RESTApi, CI CD, System Design, Test Driven Development, Encryption-Decryption, Machine Learning, Operating Systems

Education

GLA University

Bachelor of Technology in Computer Science

Aug 2018 - May 2022

Mathura, Uttar Pradesh