Tejas Kamath

Quantitative Analyst & Trader

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EXPERIENCE

Portfolio Manager

Up Your Game LLC, Dubai   Feb 2020 - Present

- Managed and grew a portfolio from **$200,000 USD** to **$430,000 USD** from 2020 to 2024 with a **CAGR of 21%** employing sophisticated futures & options trading strategies.

- Created a robust pipeline for research and backtesting of systematic strategies for equities, futures and options.

- Performance Metrics: 2023 - 2024
  Return: 18.27 %
  Sharpe: 1.967

Core Fund Strategies

- **Swing Trading /ES Futures** - The core strategy of the fund, relies on macro and technical indicators to trade the S&P futures actively on the 30-minute / daily timeframe.

- **Delta-Hedged Short Strangles** - Selling and actively delta hedging strangles on liquid equity indices, treasuries, gold and oil futures. Designed to make money in sideways markets when trend-following underperforms.

- **Gamma Scalping Long Straddles** - Actively scalping gamma effectively creating a mean reverting hedge. Designed to generate returns in choppy markets when delta hedging and trend-following can underperform.

Co-founder

Sparks AI, Dubai   Oct 2023 - Oct 2024

- Architected and launched sparks.run a **zero-code platform** for building **autonomous AI agents** capable of executing complex, long-running asynchronous tasks.

- Built an app integration platform and store enabling AI agents to integrate with external and community apps.

- Built a knowledge base with vector search so that bots and agents can work with large files.

- Integrated a web development and search engine.

- Visit the platform at www.sparks.run

- Link to the pitch deck

Senior Fullstack Engineer

Quinence, Singapore   Dec 2021 - Aug 2023

- **Soulless Citadel**
  - www.soullesscitadel.com
  - Spearheaded the development to build a story-led crypto NFT platform titled Soulless Citadel which **sold $700,000 of total sales in 2 weeks** to become the highest grossing NFT on the Zilliqa blockchain.

- **Wish World**
  - Collaborated with famous South Indian artists such as Ilaiyaraaja, Kamal Hasaan and several more to build their limited edition NFT artwork marketplace called Wishworld.
  - Implemented secure wallet integration and a blockchain authentication system.
  - Created intuitive web experience for non-crypto-native audience

- **Modern Fullstack**
  - www.modernfullstack.com
  - Built the learning management system and the architecture.
  - Authored courses, interactive coding exercises and assessment modules.
  - Implemented real-time progress tracking and gamification for users.

Senior Software Engineer

Up Your Game AI, Dubai   Oct 2017 - Oct 2020

- **Led a 6-person cross-functional team** to build an enterprise AI platform

- Architected an ML pipeline for **employee performance, attrition and sentiment prediction with 85% accuracy**.

- Implemented and managed a micro-services infrastructure with NodeJS, Vue, and Lookback.

- Established relationships with clients and implemented the system within their teams.

EDUCATION

UNIVERSITY OF WATERLOO

BASc, Chemical Engineering

Mar 2010 - Jul 2015

TOOLS

AI SDK
Langchain
Vector Databases
Python
Scikit, Numpy, Pandas
HTML / CSS / Javascript
React / Next.JS
NodeJS
AWS
Vue
SQL

LANGUAGES

English
Hindi
Marathi
Konkani (spoken)