

Tejas Kamath

Quantitative Trader & Fullstack AI Engineer

✉ tejaskamath@gmail.com

☎ +971-56-100-2787

🌐 tejaskamath.com

📍 Dubai

Quantitative trader and full-stack AI engineer with over 9 years of experience spanning algorithmic trading, AI development, and enterprise software engineering.

EXPERIENCE

Quantitative Trader & Developer

Up Your Game LLC, Dubai

Feb 2020 - Present

- Managed and grew a portfolio from 2020 to 2024 by **215%** with a **CAGR of 21% YoY** employing sophisticated futures & options trading strategies in the equity, bond, commodity, currency and crypto markets.
- Engineered medium frequency algorithmic trading systems (MFT) for dynamic position sizing and automated signal generation at hourly intervals.
- Created a robust pipeline for research and backtesting of quantitative strategies.

Core Fund Strategies

- Swing Trading Futures** - The core strategy of the fund, relies on macro and technical indicators to trade 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 on lough edges. Designed to generate returns in choppy markets when delta hedging and trend-following can underperform.

Co-founder, Fullstack AI Engineer

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.
- Visit the platform at www.sparksai.chat; [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**.
- Orchestrated and managed a micro-services infrastructure with NodeJS and Docker
- Established relationships with clients and implemented the system within their teams.

Co-op Engineer

Multiple Companies, Canada

Mar 2010 - Jul 2015

- Industrial Engineer - Mother Parkers Tea & Coffee**
 - Jan 2014 - Sep 2014
 - Spearheaded the development of an iPad app which served as a realtime factory wide database management solution
 - Postulated solutions for optimal production through machine downtime and rejection analysis
 - 'Outstanding' Co-op Evaluation
- Research Assistant, University of Waterloo**
 - Sep 2012 - Dec 2012
- Parts Marketing Analyst, Ingersoll Rand**
 - May 2012 - Aug 2012
- Business Analyst, Korn Ferry**
 - Jun 2011 - Aug 2011

EDUCATION



UNIVERSITY OF
WATERLOO

BASc, Chemical
Engineering

Mar 2010 - Jul 2015

FINANCE TOOLS

Python
Jupyter
Pinescript
Numpy
Pandas
Scikit
NodeJS

CODING TOOLS

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

LANGUAGES

English
Hindi
Marathi
Konkani (spoken)