PRASHIK JADHAV

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# SUMMARY

2+ years of experience as a Quantitative Analyst specializing in Algorithmic Trading for Equity and Derivatives Markets.

Skilled in developing, backtesting, and optimizing algorithmic trading strategies using Python, Excel, and advanced statistical techniques.

Strong understanding of equity and derivative markets, applying data-driven methods to enhance trading performance and efficiency.

Experienced in quantitative risk management, utilizing statistical models and machine learning to optimize risk- reward profiles.

Proven ability to implement and fine-tune advanced trading algorithms, enhancing overall market performance.

# INTERNSHIP

## Full Stack Developer Intern , NeuralTechsoft(10t)

Developed responsive websites with custom UI/UX designs, ensuring cross-browser compatibility and a seamless user experience.

Designed and implemented APIs, connecting front-end interfaces with back-end servers for smooth data exchange and functionality.

Created user interfaces from scratch, incorporating best practices in UI/UX to enhance accessibility, usability, and visual appeal.

Integrated SQL databases for data storage, retrieval, and management, optimizing queries to ensure efficient data handling and security.

# SKILLS

Html | Css | Js | PHP |React js | Python| SQL| Bootstrap| Tailwind Css | API | UI | UX

# CERTIFICATIONS &

Executive programme in Algorithmic Trading (EPAT) - QuantInsti Accenture Data analytics virtual experience - Forage

Python for Everybody & Data Structures - Coursera

# PROJECTS

## Risk Management using Genetic Algorithm

Utilized a genetic algorithm to optimize stop loss and take profit percentages resulting in a 30-40% improvement in profitability and reduced drawdown by 10%. Focused on enhancing risk management and improving overall strategy performance.

## Optimized Portfolio Construction Using Advanced Risk Models

Developed three stock portfolios based on beta, alpha, and low correlation. Applied ARIMA, GARCH, and VaR models for risk analysis and returns forecasting. Designed investment strategies that align with individual risk preferences, incorporating Monte Carlo simulations and stress testing for more reliable portfolio selection.

# EDUCATION

## Master of Science in Statistics

K C College, HSNC University, Mumbai (8.88/10 CGPA)

### June 2021 - Apr 2023