

Comprehensive Roadmap for Trading Bot Development

Phase 1: Core Bot Development and Features

Day 1-2: Project Setup & Basic Copy Trading Mechanism

Set up GitHub repo, configure AWS/GCP, build the core copy trading mechanism. Use GPT-4 for architecture, setup, and API recommendations.

Day 3-4: Auto-Adjustment & Notification Setup

Implement auto-adjustment for trade volumes, set up WhatsApp/Email notifications. Use GPT-4 for logic and API integration.

Day 5-6: Trade Authorization & Integration Testing

Develop trade authorization feature and test functionality. Use GPT-4 to fine-tune the system.

Day 7: Debugging & Optimization

Test core functionalities and optimize the system using GPT-4 for debugging and performance tips.

Phase 2: Real-Time Parameter Adjustments & Dashboard

Day 8-9: Real-Time API Development

Develop backend APIs for real-time parameter adjustments. Use GPT-4 for backend design and API structure.

Day 10-11: Front-End Dashboard Setup

Build the front-end analytics dashboard and connect it to backend APIs. Use GPT-4 for UI/UX guidance.

Day 12-13: Performance Tracking & Audit Trail

Add portfolio tracking and audit trail. Use GPT-4 for analytics and database queries.

Day 14: Debugging & Integration Testing

Test parameter changes and dashboard updates using GPT-4 for testing and debugging.

Phase 3: Security and Testing

Day 15-16: User Authentication & Authorization

Implement user authentication and secure APIs. Use GPT-4 for OAuth2/JWT integration.

Day 17-18: Full Bot Testing

Test the bot, APIs, and dashboard. Use GPT-4 for debugging complex issues.

Day 19-20: Final Debugging & Optimization

Fine-tune bot performance, notifications, and updates. Use GPT-4 for performance optimization.

Phase 4: Mobile and Desktop Application Integration

Day 21-23: Android App Development

Develop Android app and connect to bot's backend. Use GPT-4 for code samples and backend connection.

Day 24-26: Windows Desktop App Development

Develop Windows desktop app. Use GPT-4 for desktop UI design.

Day 27-28: Mobile/Desktop Testing & Debugging

Test apps for real-time functionality. Use GPT-4 for testing strategies.

Phase 5: Final Testing and Deployment

Day 29-30: Final Testing & Deployment

Deploy bot, dashboard, and apps. Conduct end-to-end testing using GPT-4 for deployment

strategies.