PRATYUSH CHOUDHARY

SOFTWARE DEVELOPER

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CAREER OBJECTIVE

Software Developer with hands-on experience in C#, ASP.NET Core MVC, and SQL Server. Skilled in developing database-driven applications using Entity Framework Code First, ADO.NET, and LINQ to SQL. Experienced in quantitative trading backtesting using OHLC market data and strategy parameter optimization.

TECHNICAL SKILLS

Programming Languages: C#, JavaScript
Frameworks & Technologies: ASP.NET, ASP.NET Core MVC, Web API, Entity Framework, ADO.NET, LINQ to SQL
Frontend: HTML, CSS, Bootstrap, jQuery, AJAX
Database: SQL (SSMS), PL/SQL
Tools: GitHub, Postman, Visual Studio

EXPERIENCE

- **INTERNSHIP** | CodeSpyder Technology   *JUN 2025 – DEC 2025*
    - Designed database schema using Entity Framework Code First approach.
    - Inserted broker-provided OHLC market data using ADO.NET.
    - Filtered and analyzed historical data using LINQ to SQL.
    - Developed backtesting logic based on OHLC candle data.
    - Generated buy/sell signals using rule-based strategy conditions..
    - Simulated historical trades to evaluate strategy performance.
    - Analyzed trade results to calculate accuracy and profitability
    - Optimized strategy parameters based on market behavior.

PERSONAL PROJECTS

Quantitative Trading Backtesting System
- Developed a trading backtesting system using C# and ASP.NET Core MVC
- Processed OHLC market data provided by broker APIs.
- Implemented historical trade simulation and performance analysis
- TRADING SPACE (Create a .NET Project for easy Trading).

House Price Prediction
- Built machine learning model for house price prediction
- Performed data preprocessing and model evaluation

LANGUAGES

- English | Fluent
- Hindi | Fluent
- Marathi | Native

EDUCATION

MASTER IN COMPUTER APPLICATION | G. H. RAISONI COLLEGE | 2021 - 2023.
BACHLORS IN COMPUTER SCIENCE| VIDYA BHARATI MAHAVIDYALAYA | 2017 – 2021.