
HARSH DAGA

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Summary

Software Engineer offering 4 years in the IT industry with a focus on product design and development.

Skills

- C#, C++, C, Python, Java
- SQL, MongoDB
- Artificial Intelligence
- Game Development
- Blockchain Management
- Data Mining
- API Design
- Agile Development

Education

- 05/2017
Mumbai, India **Bachelor of Engineering** in Computer Science
Mumbai University
- 05/2021
Arlington, TX **Master of Science** in Computer Science
The University of Texas At Arlington
GPA: 4.0

Professional Experience

- 08/2015 - 02/2019
Freelancer Limited
 - Programmed applications and tools using Microsoft Visual Studio, MS SQL and object-oriented languages with goals for code abstraction, stability, and reuse.
 - Designed software interfaces using WPF that proved user-friendly and simplified overall management.

Representative Projects

- ServeMe System [Typescript, Java, Agile]
A cross-platform application to help users contact service providers based on any home or small business needs.
- UTA Vending Services [Java, Android]
A mobile app to place remote orders for food/snacks on UTA campus.
- Komodo RPC Client [C#, WPF]
An RPC Client for the Komodo platform with request validation.
- Algorithmic Cryptocurrency trading bot [C#, WPF]
A trade-bot for the Binance trading platform using technical indicators and backtesting strategies.
- Source Code Plagiarism Detector [C, C#, WPF]
A tool to check C source codes for semantic similarity.
- Cryptocurrency price alert and arbitrage notification bot [C#]
A Telegram bot to get price alerts and arbitrage notifications on chosen cryptocurrencies and exchanges.

Courses

- Agile Software Development, Software Design Patterns, Software Engineering
- Fundamentals of Blockchain and Cryptocurrency Technologies
- Fundamentals of Computer Game Design
- Artificial Intelligence, Data Mining