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# 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#
- Testing and debugging
- Python
- SQL
- Game Development
- Reverse Engineering
- API Design
- Agile
- Blockchain

## 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.

## 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

## 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
- Fundamentals of Blockchain and Cryptocurrency Technologies
- Fundamentals of Computer Game Design
- Data Mining