

Harshit Singh Bhomawat

Software Engineer | 6264038742 | harshitbhomawat@gmail.com

Address: D-230, Deendayal Nagar, Ratlam, (M.P.)

LinkedIn | Github | CodeChef | LeetCode

Work Experience

Programmer Analyst | Algowire Trading Technologies Pvt. Ltd | Oct 2022 – Present

- Developed a C++ application on Linux using socket programming, multithreading, ZeroMQ (zmq), system calls, and shared memory for inter-process communication.
- Hands-on experience with C# (.NET) in developing Windows desktop applications.
- Enhanced performance through efficient multithreading and reduced latency with optimised communication techniques.
- Enhanced the architecture by consolidating the main project and modularizing strategy logic into DLLs.
- Improved scalability and data sharing using ZeroMQ and shared memory.
- Utilised GDB and Git for efficient debugging and code management.

Projects

- Flashcard Generator App | Personal Project | 2023

- Built an NLP-powered flashcard generation system using Streamlit and Spacy.
- Implemented quiz mode and multiple-choice question functionality.

Education

Computer Science and Engineering | Acropolis Institute of Technology and Research, Indore, M.P. | Graduation

Skills

- C++
- Python
- Linux
- Socket Programming
- Multithreading
- ZeroMQ
- Django

Achievements

- GATE CS Rank 200
- Dean's List 2023