

AAYUSHMAN SHARMA

SENIOR SOFTWARE ENGINEER



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About Me

Enthusiastic software developer seeking to use proven skills in leadership, debugging, and coding. Looking for a position to learn new skills and abilities that offer personal as well as organizational growth while being resourceful.

Experience

Biz Secure Labs Pvt. Ltd.

Software Research Engineer

From July 2019 to January 2022

Biz Secure Labs Pvt. Ltd.

Senior Software Engineer

From February 2022 till Date

Hands-on working experience in C, C++, MFC, VC++, Windows APIs, Windows Services, Sockets and MySQL. Working for developing, unit testing and maintaining the modules.

Education

2013	10th CBSE Board	Holy Cross Convent, Chattisgarh.	87%
2015	12th CBSE Board	Holy Cross Convent, Chattisgarh.	75%
2019	B.Tech Information Technology	D.Y. Patil College of Engineering, Pune	6.77 SGPA

Primary Skills

- Hands on experience in C, C++, VC++, MFC and OOPs concepts.
- Good knowledge of MySQL queries and database management.
- Product Development in C++ using Visual Studio 6.0 / 2008 / 2010 / 2015 / 2019.
- Hands-on experience of Socket programming and communication.
- Experience of developing and maintaining Windows services.
- Knowledge of C++ templating, C++11 and design patterns.
- Experience in C++ and knowledge of standard library, STL containers, and algorithms.
- Hands-on experience of multithreading and thread synchronization.
- Knowledge and experience with Windows registry insertion, retrieval and traversal.

Project Summary

Project 1: Client-side windows service

Description: Service running on client-side under system which is used for receiving setting from server through socket connection. It has various functionalities which help the server to monitor end-user activities and system status.

Programming Languages Used: C++, VC++, C

Responsibilities:

- Designed and Developed Service
- Designed UML diagrams
- New Enhancement, Features and Maintenance
- Bug Fixing
- Unit Testing
- Product Integration

Project 2: Backup Deletion and restoration (Local and FTP based)

Description: It is a MFC application used for traversing backup folders and files present in local system and on FTP server. Module is also used for deletion and restoration of backup files based on user selection.

Programming Languages Used: C++, VC++, C

Responsibilities:

- Designed and Developed Service
- Designed UML diagrams
- New Enhancement, Features and Maintenance
- Bug Fixing
- Unit Testing
- Product Integration

Project 3: Module for purchasing new product key

Description: It is a MFC application which contacts various web APIs for purchasing new product keys. This module retrieves data from windows registry and creates unique order IDs to distinguish between customers. UI to handle payment responses and depict order-status.

Programming Languages Used: C++, VC++, C

Responsibilities:

- Designed and Developed Service
- Designed UML diagrams
- New Enhancement, Features and Maintenance
- Bug Fixing
- Unit Testing
- Product Integration

Declaration

I hereby declare that the details provided above are authentic to the best of my knowledge and belief.

Aayushman Sharma