**Swapnil S. Agrawal**  
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**Career Objective:**  
Seeking a C++ programming position in an organization that can provide me with a creative and challenging environment to learn, grow and enhance my existing programming skills.

**Summary of Skills:**

* IT Analyst with a total of 5+ years of experience
* Strong experience in C++ and knowledge of multithreading, C++ OOP's concepts, standard library, STL containers, and algorithms
* Excellent interpersonal skills, experience in working in a team and also driving things independently
* Adept in building applications for windows platforms
* Excellent knowledge ofdata structures and C++11
* Possess good knowledge in regression Testing and defect fixing of client applications
* Good knowledge on end to end process definitions like requirement understanding, analysis of the needs, design, feature development of applications and complete testing with test cases and peer reviews
* Good communication skills and attention to detail

**Technical Skills:**

* Languages: C, C++
* Operating Systems: Windows 7 and Linux(Ubuntu)
* Database: SQL Server 2005
* Tools: Tortoise SVN, sqlite studio-2.0.5, Debug viewer, Beyond Compare, Vector CANalyzer software tool, Notepad++

**Work Experience:**

C++ Developer  
Tata Consultancy Services Ltd., Pune  
September 2012 – April 2018

**Project# 1:**

Enhancing a Cosumer Electonics(CE) product for CD Play feature.

**Description:**

CE product can directly play from the CD to and it will show the metadata of all albums which are present in internet. So user can select required album to show metadata on screen.

**Role:**

C++ Developer

**Responsibilities:**

* Responsible for design, implementation and final delivery on time by understanding the customer requirements in depth.
* Responsible for client communication for all issues related to specification and product performance and for issues in the components developed by client.
* Reviewing the C++ code changes done by team members and by client.
* Responsible for fixing the defects found by dev teams and by QA.

**Tech/Tools:**

Microsoft visual studio-2005

**Project# 2:**

Vehicle Data collection system(POC)

**Role:** C++ Developer

**Responsibilities:**

* Created C++ module for vehicle data capture.
* Responsible for design, implementation and final delivery on time by understanding the requirements in depth.
* Developed the data collection system for vehicle.
* Vehicle CAN data stream(big endian and little endian format) captured from Vehicle CAN network and processed(Decrypted) using vehicle database file.
* Video data captured using client provided library from analog camera.
* GPS data captured using client provided library.
* Optimized and enhanced systems for better performance.

Responsible for fixing the defects found by dev teams and by QA.

**Tech/Tools:**

Microsoft visual studio-2015

**Education:**

* 73% in Bachelor's Degree in Information Technology,  
  Government College of Engineering Aurangabad 2012
* 82% in HSC/Standard XIIth Maharashtra State board exam 2008
* 82% in SSC/Standard Xth Maharashtra State board exam 2006

**Hobbies:**

* Swimming
* Watching movies

**Personal Details:**

* Date Of Birth: 11th Feb 1991
* Sex: Male
* Nationality: Indian
* Languages known: English, Hindi and Marathi
* Conatct No.: 7276769459
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