**RAJAKUMAR MUTHUKUMARASAMY**

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**Resume Summary**

* 4years of experience as a Developer, Build and release Engineer in Automotive and Financial industry.
* Hands on experience in **C++ and CAA Development** and **Code analysis.**
* Experience in **3D Experience Platform (2016x, 2017x, 2018x, and 2019x) command** Customization using CAA APIS.
* Familiar and hands on Experience in writing EKL script and Business Logic.
* Eminent Debugging skills with **Visual studio** (2012, 2015, 2017) for C++ client native application.
* C/C++ developer with experience in Object Oriented Analysis and Design (OOAD) and Object Oriented Programming (OOP)
* Familiar with CAA API implementations with **CATIA** and **DELMIA** portfolio.
* Excellent experience in **coordinating** and **implementing** the activities planned with the **Onsite/Offshore** Development teams and **Delivering** within the stipulated time frame.
* Implemented DevOps CI and CD process using open source tools (Jenkins).
* Implemented end-end process of Build, Release and Configuration Management.

**Technical Skill Set**

* **Operating Systems** : Windows (7, 8, 10), Linux, Centos, Ubuntu.
* **Programming Languages** : C++, CAA Development, and Microsoft COM.
* **Development Tools** : Visual studio 2012, 2015, 2017, CAA API’s
* **3D Experience Platform** : V6, 2016x, 2017x, 2019x.
* **3D experience Portfolio** : CATIA, DELMIA, Composer
* **Cloud Platform** : AWS (AMAZON WEB SERVICES).
* **Build Tools** : Apache Maven.
* **DevOps Tools** : Jenkins,Git,GitLab, Maven, Tomcat, Nexus, Ansible,

Nagios.

**Projects**

**Employer: Dassault Systemes, Bengaluru (2018 Sept-Till Date)**

**Project Details:**

**Clients:** Lam-Research, LTHE, Mahindra, Bobst

* Hands on experience in **C++, CAA Development, CAA API**, Customization of 3DExperience Platform Native Application.
* Functional Knowledge of portfolio CATIA, DELMIA, CATIA Composer.
* Hands on experience in **EKL scripting** ( Automation and Command Creation)
* Better understanding of portfolio DELMIA (Process Planning and Manufactured Item Definition).
* Hands on Experience in EKL scripting on 3D ExperienceR2016x (LAM Research).
* Hands on experience in CAA command customization with various CATIA and DELMIA workbenches.

**Employer: Dassault Systemes, Bengaluru (2018 Sept-Till Date)**

**Project Details:**

**Clients:** Lam-Research, LTHE, Mahindra, Bobst

* Developed 3DExperince client CAA UI and batch commands (which included creating MBOM structure, System Structure, Resource structure, linking).
* Enhancement of existing commands (6 CAA UI and batch).
* Experience is development of CAA web services handler.
* Experience is CATIA composer customization and extending functionalities.
* Hands on with Business rules Development tools (Data setup and Data model customization application) in 3DExperince Platform.
* Developed and deployed Business rule ( CAT Rule and CAT Rule Exit ) and with Data Setup
* Developed CAA command for manipulation of the MBOM structure on (Manufactured item definition and Process planning) applications.
* Good knowledge with CAA APIs.

**Employer: Cap Gemini Technology Services, Bengaluru (Nov/2015 – Aug/2018)**

**Project Details:**

**Role**: Senior Software Engineer

**Tools**: Visual Studio (2015, 2017), GIT,

**Responsibilities:**

* Development of new modules for C++ applications.
* Reading existing source code in C++ to determine current programming logic.
* Building, and maintaining reliable and efficient C++ code.
* Worked on memory leaks on the Project.
* Worked on C++ using Smart pointers and factory design Pattern.
* Supported development and integration of C++ windows applications as per specifications.
* Maintained code base and libraries for existing applications as per software engineering guidelines.
* Managed version control tool GIT to version code changes to help developers/programmers

Branch/merge/revert code.

**Personal Particulars**

* **Name**  Raja Kumar Muthukumarasamy
* **Date of Birth** July 26,1993
* **Father’s Name** Muthukumarasamy
* **Mother’s Name** Mahalakshmi
* **Languages Known** English, Tamil.
* **Passport** Z3966178 (Valid till August 2023)
* **Address** 16-c, hostel type, block-10, Neyveli-1.
* **Hobbies** Cooking, Traveling, Reading.

**Declaration:**

I hereby declare that the information furnished by me is true to the best of my knowledge and belief