

BHALERAO SHIVHAR K.**Team Lead – PLM at Tata Technologies**

✉: aplombshiva@gmail.com ☎: 9156822690 / 8329183578

📍: Bhalchandra Watika, Lakshmi Chowk, Punawale, Pune.

PROFESSIONAL SUMMARY:

- I am an **Agile certified** and have around **7.5 Years of Total experience as a CAA V5/V6 , EKL and C++ developer in PLM Domain.**
- Currently working with **TATA Technologies**, as **Team Lead – PLM** for various automotive customers.
- Excellent skills in development and customization of DELMIA and CATIA applications.
- Good knowledge of Delmia V6 (2018x/2020x/2023x), CATIA V5/V6 (2018x/2020x/2023x) and basics of Enovia 3DEXperience 2018x/2020x/2023x.
- Skillful in using CAA, EKL, C++ and basics of MQL commands.
- Involved in all phases of project life cycles including analysis, design, development, testing, and documentation.
- Capable of working in a team with people, as well as working independently.
- Proficient in understanding requirements, analyzing the requirements and working on the deliverables by proactive involvement in team work.
- Working Experience in Waterfall and Agile methodologies.
- Expert in SVN and Git managing the automatic build and package creation using Quick build to validate the build and improve the quality. Automated end-to-end daily build process using Quick build with SVN.

TECHNICAL SKILLS

Programming Languages	C++, C, and Core Java
DS Products	CAA V5 and V6 (Version 2018x , 2020x and 2023x) CATIA V5 and V6 (Version 2018x , 2020x and 2023x) Delmia V6 (Version 2018x , 2020x and 2023x) EnoviaV6 and 3DEXPERIENCE.
DS Server Languages	EKL (client)
SCM Tools	Tortoise SVN and Git
Microsoft Products	Microsoft Office, Microsoft Visual Studio (2008 , 2012 , 2015 and 2019)

PROFESSIONAL EXPERIENCE

Tenure from – to	Organization, Location	Position / Project assignment	Description and key achievements
06/2019 - Present	TATA Technologies, Pune	Team Lead - PLM	Customization of Delmia V6, CATIA V6 (2018x/2020x/2023x) using CAA, C++ and EKL. Worked on Enovia and basics of MQL commands.
07/2016 – 06/2019	HCL Technologies, Pune	Software Developer	Providing development solutions on CATIA V5 projects to Airbus A380, A350 and A400 Aircrafts. Migration and customization project of CATIA V5R21 to CATIA V5R27 application using CATIA CAA-RADE tool.
12/2014 – 06/2015	Society for Electronics and Transactions Security (SETS) , Chennai	Software Intern	Achieves the same security level with a much smaller key length as compared to RSA. Generating Digital certificates by using OpenSSL tool.

PROFESSIONAL EXPERIENCE:**Tata Technologies. Pune****Since June 2019 to till date.****Designation: - Team Lead - PLM****PROJECTS:****#1 Delmia V6 Customization (Client - Rivian)**

Designed and implemented new commands in MID, Process Planning, Planning Structure Apps to generate the Manufacturing reports and other functionality. Created a batch scripts to generate the Manufacturing reports like JES, SOS and TPS. Developed EKL scripts to update BI tools for Effectivity mismatch between EBOM -MBOM status, Product Assignment status, Manufacturing Assignment status and so on...Developed EKL scripts to update the attributes and for Keep modification functionality

Technologies Used: C++, CAA V6 APIs, EKL, VS (2015/2017/2018), 3DExperience 2018x/2020x/2023x, MQL

#2 CATIA V6, Delmia V6 Customization (Client - Rivian)

Developed new commands in Product Structure, Assembly Design, Fastener, Part Design, MID, Process Planning, Planning Structure Apps. Created a batch scripts to export the data to 3DXML, STP, CATIA V5. Scripts to import the STP files. Developed EKL scripts to update the attributes and for Keep modification functionality

Technologies Used: C++, CAA V6 APIs, EKL, VS (2015/2017/2018), 3DExperience 2018x/2020x/2023x, MQL

#3 Reverse Migration of Service BOM from DELMIA to EBOM (ENOVIA) (Client - Rivian)

Current Service BOM is Manufacturing & Bill of Process driven and for certain Service Assemblies, Service team has the need to create & manage custom/Unique Service Assembly structures and generate the CAD and need to develop custom solutions to manage it in the Engineering bill of material.

Technologies Used: C++, CAA V6 APIs, EKL, VS 2017, 3DExperience 2020x, MQL

#4 CATIA V6 Customization

Created a batch scripts to export the data to 3DXML, STP, to create the PDF of Drawing. Handled deployment at client side.

Technologies Used: C++, CAA APIs, VS2015, 3DExperience 2018x/2020x

HCL Technologies. Pune**Since August 2016 to June 2019.****Designation: - Software Engineer****PROJECTS:****#1 CATIA Customization (Client - Airbus)**

Development of customized commands for Airbus related to web service and tolerance in Drawing and Part .Creates tolerance object. Development of new annotation. Apply customized setting on all annotation. Applying various geometrical concepts find exact position for annotations.

Technologies Used: C++, CAA APIs, VS2008, CATIA V5.

#2 CATIA V5 Migration (Client - Airbus)

CATIA V5 migration involved migration of all the functionality from one version to another. Worked on development in C++, CAA and auto tests (ODTs).Worked on creating CATSettings in CATIA and fixing the bug during migration.

Technologies Used: C++, CAA APIs, VS2015, CATIA V5.

EDUCATION QUALIFICATIONS:

Courses	Year	University	Percentage/CGPA
M.Tech (Computer Science and Engineering)	June 2015	Vellore Institute of Technology, Tamil Nadu	CGPA- 7.81/10
B. Tech (Computer science and Engineering)	June 2012	Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra	CGPA- 6.82/10
HSC(12th)	June 2007	Maharashtra State Board (Yeshwant Jr. College, Ahmedpur)	73.50
SSC(10th)	June 2005	Maharashtra State Board (Ravindrath Tagore Vidhyalaya, Ahmedpur)	76.66

HONORS AND ACHIEVEMENTS:

- **Excellent** rating from **Tata Technologies (FY 2022 to 2023)**.
- **Champion of the Quarter** award from **Tata Technologies (FY 2022 to 2023)**.
- **Champion of the Month** award two times from **Tata Technologies(FY 2020 to 2022)**
- Received appreciation from seniors and client for quick grasping of critical project and domain specific processes.
- Received appreciation for quality of work.
- Certified as SAFe Practitioner.