3DX PLM Consultant
12 years of experience
Allauddin Ali AHMAD

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PROFILE

12+ years of experience in design & development of 3DX PLM applications. Passionate about delivering quality products in highly challenging and competitive environment. A team player with proven experience of working across diverse groups.

LANGUAGES

English - Proficient/Bilingual   French - Beginner/A2   Hindi – Native   Urdu - Native

TECHNICAL SKILLS

- **DS Technologies:** Spinner, MQL, EKL, Business, Matrix, ADK, PnO Scripts, Unified Typing, Triggers/JPO, Know-How Apps(KAC/KAX)
- **DS portfolio:** 3DExperience (On Premise, Cloud) , ENOVIA V6, CATIA V6
- **Operating Systems:** Windows, Linux, VMWare, VirtualBox
- **Programming Languages:** Java, Python, Jscript, EKL, TCL, JPO, HTML, XML, JSON, CSS, Design Patterns
- **Web Technologies:** JSP, Ajax, Webservice (REST/SOAP), VueJS, Widgets, UWA, Netvibes
- **DevOps Tools:** Jenkins, Git, Bitbucket, SVN, SourceTree, JIRA, Confluence, Docker, Robot Framework, Sikuli, Selenium, Postman, maven, Gradle, ANT, Ansible, Terraform
- **Cloud Computing Tools:** AWS (ASM, EC2, S3, Cognito, WAF, Cloudfront, APIGateway, Cloudwatch, lambda, Eventbridge, VPC, SQS, IAM, EmailService), Terraform cloud, Supabase, bitbucket
- **Architecture:** UML, Draw.io, Value Engagement Framework

LAST 5 PROJECT EXPERIENCE

Solutions Architect, xLM Europe
09/2022 – 03/2025, Toulouse

Achievements:
- Proof of Concept and Test the XPDM methodologies to validate the high-level requirements for STD Part Management and delivered use-cases for design review.
- Enabled the CAD Administrator and design team of Bell helicopters to incorporate EKL usage to improve efficiency in their day-to-day activities.
- Design & Developed a non-CAD data migration toolkit and successfully migrated the 1000s of records(Document, Parts, Alternate) to 3DExperience cloud.
- Developed the custom Drawing Templates (Frame, Title block, Revision block) with custom features to allow designers to review & approve the drawings and track it.
- Designed technical specification of an internal product for data migration to run on AWS infrastructure using various services (S3, Couldfront, WAF, Cognito, cloudwatch etc.)

LAST 5 PROJECT EXPERIENCE

PLM Consultant, Razorleaf EU
11/2021 – 08/2022, Remote

Achievements:
- Led the development team to implement new customer requirements for 3DExperience R2019x.
- Deployment owner for customer QAT and production system.
- Responsible to prepare RFQ for new Implementations and solutioning.
- Integrated the kisters web viewer into 3DExperience platform's 3DDashbaord widget to view 3D models and to work with Markup.
- Worked on designing a CI-CD roadmap for large scale digital transformation program.
- Managed the customer SR with DS support team and effectively reduced the open tickets.
- Test methods and demonstrate to customers – Release Management (XEN), Derived Format Converter, Unified Typing/Data Model Schema, Exalead Search Configuration
- Managed internal IT infrastructure running on VMWare workstations.

Software Architect, Processia Solutions
08/2020 – 09/2021, India

Achievements:
- Led workshops with customer for requirement gathering and technical specification design for modules – Data Model, Part Management, Change Management.
- Presented the technical specifications to design review board and bring it to approval and closure.
- Technical Leader for the development team
- Empowered development team by introducing development best practices, Jira , git workflows and release process.
- Highlighted the gaps in the deployment process and suggested the improvements which effectively reduced the deployment time by 50%.
- Advocated agile best practices within the development team
- Awarded 'Rising Star' in the company year 2021.

Software Consultant, Dassault Systemes
11/2019 – 04/2020, Australia

Achievements:
- Worked closely with Mine Engineers to define the requirements and Design the solutions for Mine 3D model.
- Effectively managed and collaborated with different stakeholders (Mine Engineers, DS R&D, DS Sales, 3rd Party vendors) to ensure value delivery as per value engagement framework.
- Designed, developed and demonstrated the Volume Computational Services for 3D Mine Model using KAC, KAX, EKL, Data Setup.

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LAST 5 PROJECT EXPERIENCE

PLM Consultant, Accenture
12/2016 – 09/2019, France, Mauritius, India

Achievements:

- Development team leader for large strategic account in aerospace industry around NIS CAD Authoring and Digital Integrated process:
  - Design and implement Business Logic and Rules to manage design data set.
  - Data Transfer Business Logics for Import/Export – Data Exchange and Data Collaboration
  - Design and implement automation customization for CAD authoring purpose using KAC, KAX, EKL, Actions, Reactions
- Technical Assistance to the consultants in Mauritius and helped to close the delivery gaps in 3DExperience Implementation.
- Low level requirement development of custom interfaces which includes inbound and outbound applications interfacing with 3DExperience R2016x.
- Build the offshore development team from scratch, led and grew to the team of size ~12
- Actively Led the PI Planning, Sprint planning, System Demos for a customer in aerospace industry.
- Worked with senior leadership to demonstrate successful 'way of working' between onshore and offshore and strengthen the customer relationship.
- Awarded 'ACE FY 19 Q1 (Client & Customer)' to bring the best business outcome for the customer.
- Certified SAFe 4 Agilist

EDUCATION

Bachelor of Technology (Computer Science & Engineering), Uttarakhand Technical University
05/2008 – 06/2012, India