

Shailesh Charati

Solution Architect at Siemens Industry Software India

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Summary

- *Architecture and Development experience in
 - * Enterprise Software
 - * Integration technologies and architectures
 - *Proven track record of providing technical leadership and defining,developing, and evolving software
 - *Ability to make informed technology choices after due diligence and impact assessment
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Experience

Senior Software Engineer at Siemens Industry Software

August 2016 - Present

- * Defined the road map,architecture and led the development of Polarion ALM-Teamcenter Requirements Management Alignment which has resulted in new customer wins
- * Defined the solution architecture and led development of
 - * Rule based Microsoft Word document import
 - * CKEditor javascript plugins for authoring improvements
 - * Mathematical equation authoring support:
 - * TeX to MathML translator using Node.js and MathJax
 - * Import of mathematical equations from Microsoft Word
 - * Export of mathematical equations to Microsoft Word
- * Conversion of GWT based Teamcenter Requirements solution to native javascript - AngularJS solution

Software Engineer Advanced at Siemens Industry Software

March 2008 - August 2016 (8 years 6 months)

- *Defined the solution architecture ,design and led the development of Integration between Microsoft Visio and Teamcenter product
- * Introduced Apache Thrift (serialization and RPC) to reduce cost of ownership (Apache Thrift was later evaluated by the Platform team for building Microservices)
- * Designed and developed a web based diagramming demonstrator for a major customer which eventually led to a multi-year customer funded product development initiative
- * Scoped, managed and successfully delivered Proof of Concepts (POC) that resulted in technical wins

- * Re-architected several aspects of Logistical Support Analysis solution, led development and adoption
- * Improved the import performance in Logistical Support Analysis solution by 50%
- Managed and mentored team of external development personnel
- * Conceptualized and led development of tools to ease the customer workflow
- * Automated the process of localization of domain solutions

Technical Leader at PRION

2006 - October 2007 (1 year 10 months)

- * Designed and led the development of Aircraft Engine Logbook generation module
- * Designed and led the development of an internal document management system using the Teamcenter Enterprise SDK
- * Developed data extraction client for exchanging data between Teamcenter Enterprise and third party systems
- * Provided technical inputs to RFPs

Project Leader at Syntel

April 2006 - August 2006 (5 months)

- * Provided technical inputs to RFPs.

Senior Software Engineer at Geometric Software Solutions

December 2003 - April 2006 (2 years 5 months)

- * Developed a framework for data analysis tools to report corrupt data and suggest remedies
- * Developed data migration solution for migrating data from a legacy CAD integration product
- * Worked as consultant for customer data migrations.

QA Engineer at Geometric Software Solutions

April 2001 - November 2003 (2 years 8 months)

- * Worked on the Quality Assurance of migration solutions and Teamcenter Industry solutions (Aerospace and Defense, Consumer Packaged Goods)
- * Developed tools to automate the preparation of Test Environments

Education

BITS Pilani

MS, Software Systems, 2007

Karnatak University

B.E, Mechanical, 1995 - 1999

Karnataka Science College

1993 - 1995

K E Board High School

1987 - 1993

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