Santhosh Kumar (1) Featured

Software Engineer seeking roles in Software Engineering, Software
Development, Application Development, Software Design, Software Testing, Project
Management, Change Management, Defect Management, Requirement Analysis, Data
Structures, Algorithms, Node. J4k rfhg



Current Designation: Software Engineer Total Experience: 6 Year(s) 0 Month(s)

Current Company: Applied Materials India Private Ltd Notice Period: 1 Month

Current Location: Chennai Highest Degree: B.Tech/B.E. [Computers]

Pref. Location: Bengaluru / Bangalore, Chennai

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Engineer/Developer,Software Engineering,Software Development,Application Development,Software Design,Software Testing,Project Management,Change Management,Defect Management,Requirement Analysis,Data

Structures, Algorithms, Node. Js, C#

Verified: Phone Number | Email - id

Last Active: 19-Jan-21 Last Modified: 19-Jan-21

Summary

- * 6 years of experience as Software Developer in software design, requirement analysis, implementing and testing the developed module/feature.
- * Hands-on experience in application development using C#, Infragistics, multi-threading.
- * Working knowledge in Test Driven Development.
- * Completed Data structures and Algorithms parts of UC San Diego specialization.

Work Experience

Applied Materials India Private Ltd as Software Engineer

Jul 2014 to Till Date

Product Name - Enterprise Equipment Engineering (E3)

Role - Software Engineer
Duration - July 2014 to till date

Product description?

E3 provides a single solution for all factory engineering applications, which helps in collecting data from equipment through various adapters. It provides web services for visualizing collected data and provides pre-defined data models for analytics. It is mainly used for its fault detection capability which is widely utilized for process and yield improvement. E3 product is the major revenue contributor of the whole software group.

Responsibility?

- ? Responsible for the creation of drivers which interfaces with Semi-Equipments and collect sensor data for various usecases such as Fault Detection, Run 2 Run.
- ? Responsible for E3 process configuration editor which is developed in C# and uses Infragistics GUI controls for rich UI. This editor is the most used editor for E3 configuration.
- ? Designed and implemented 70+ configuration APIs for reducing the overall configuration time
- ? Developed conversion utility which helps in the migration of data from 7 tables to one table, ease the maintenance work.
- ? Responsible for dump analysis in my team, have good knowledge in debug diag 2.0 and windbg for memory leak and process hang.

Responsible for tool configuration related data template import, modification and tool connection/identification for right data import while initial tool configuration. Estimated to reduce 5 man-hours/tool for 1000s of tool creations.

Education

UG: B.Tech/B.E. (Computers) from University college of engineering Villupuram in 2014

IT Skills

Skill Name	Version	Last Used	Experience
LINQ,Node.Js,C#			

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Tamil				

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent / Temporary

Employment Status: Full Time, Part Time