

Katta Divya Naga Sai Kumar

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Professional Summary

- Having **5+ years** of experience in Software Development on **C++, VC++, MFC**
- Domain knowledge on **Semiconductor & Engineering(R&D) Services**.
- Domain Knowledge on **Medical Field for Preclinical Studies**.
- Good knowledge on **Object oriented programming language (OOPS)**.
- Good knowledge on **Analyzing Results** and **Feature code check-in** using **RTC JAZZ** and **VSS (Visual Source Safe)**.

Work Experience

- Worked as a **Software Engineer** in **HCL Technologies**
 - From **Feb 2017** to **Mar 2021**.
- Working as **Senior Software Engineer** in **Xybion India Pvt Ltd**
 - From **May 2021** to **till date**

Academic Qualification

- **B. Tech** specialized in **ECE** from **Andhra University, Visakhapatnam** with **69.9%**.
- **Intermediate (M.P.C)** from **Sri Chaitanya junior College, Rajahmundry** with **92.3%**.
- **SSC** from **Prathibha public school, Rajahmundry** with **87.5%**.

Skill Set

Primary Skills	: C++, VC++, MFC
Secondary Skills	: C
IDE	: VC6, VS2010
Management Tool	: RTC, JAZZ, VSS (Visual Source Safe)

Project #1 – Surfscan (SP1 & SP2)

Client	: KLA–Tencor
Technologies Used	: C++, VC++, MFC
Backend	: SQL Server 2000
Team Size	6
Role	: Software Engineer

Description:

The Surfscan SP1 is an automated inspection system designed to perform rapid, highly-sensitive inspection of un-patterned silicon wafer surfaces. The system can detect surface anomalies as small as 0.08 μm (60nm) on 150mm, 200mm, and 300mm wafers. Key features of the Surfscan SP1 system include the following as:

Process Automation: The system uses customizable recipes and sessions to define the wafer scanning process. A recipe defines how the instrument executes a single wafer scan.

Wafer Grading and Sorting: The system goes beyond simple pass-fail grading by providing for multiple grades and custom grading criteria. The system can use the wafer grade to determine the target cassette for the scanned wafer.

Data Display: The system software uses wafer maps, histograms, and summaries to present the surface measurement data.

Data Storage: The instrument database provides secure but accessible storage for wafer scan data, recipes, and instrument calibration data.

Roles and Responsibilities:

- Attained adequate knowledge of functionality of Sp1.
- Handling the Customer reported bugs.
- Involved in enhancements like scanning status of wafer, Stop & abort of scanning of wafer based on registry setting.
- Update functional specification document.
- Update the Unit test cases and deliver code into RTC.
- Involved in build process using build script.

Project #2 – Pristima

Client	: Merck, Covance
Technologies Used	: C++, VC++, MFC
Backend	: Oracle
Team Size	4
Role	: Senior Software Engineer

Description:

The Pristima is the industry's leading preclinical software platform. Pristima is a fully integrated enterprise solution for preclinical data management that delivers complete lifecycle automation and support for Pharmacology and Drug Safety Research Study Management, Vivarium Management and Veterinary Care. From breeding and ordering through the study submission process, the Pristima Suite Manages the planning and recording of data , controls authorized changes and assembles the data for submission to regulatory agencies.

Roles & Responsibilities:

- Understanding the software requirement specifications.
- Handling the Customer reported issues.
- Involved in enhancements like Filtering the animals by cage numbers, Allow Dose Range for groups, Allow Manual Entry or from file of Animal ID.
- Update the Defect tracking system i.e., census.
- Update functional specification document.
- Update Unit Testing and Delivering the code into visual source safe.
- Provide Knowledge transfer of application to new joiners.
- Provide knowledge transfer to QC team about new features.

Personal Details:

Date of birth : 09/09/1994
Father's Name : Katta Appa Rao
Mother's Name : Katta Ramulamma
Sex : Male
Nationality : Indian
Known language : Telugu, English
Reference : Furnished upon request.

Permanent Address : DNO 9-803, Opp. VT Sanitorium, Chenchu Colony
Korukonda Road, Rajahmundry,
Andhra Pradesh -533102

Declaration:

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place:

Date:

(SAI KUMAR)