**VIJAYALAKSHMI KP**

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**SUMMARY**

* Have 8+ years of professional experience in software development.
* Working with ITC InfoTechas Lead Consultant since March 2020
* Previously worked with Applied Materials from July 2012 to Feb 2020 as Associate Tech Lead – Software
* Bachelor of Engineering, Information Science, UVCE, Bangalore (aggregate – 79.15%). Graduation: June 2012

**TECHNICAL SKILLS**

* **Programming skills** - C, C++, Data Structures, Algorithms
* **Web Technologies** - HTML, CSS, Java Script, PHP, AJAX, Angular 9, Nodejs
* **Database** - MySQL
* **IDEs** - Visual Studio, Eclipse, Visual Studio Code
* **Cloud Services** - AWS

**PROFESSIONAL EXPERIENCE**

**Company: ITC Infotech**

**Client: Airbus**

Duration: From April 2020 to Present

**Description:**  Development of web application to support end-to-end aircraft production planning. Work with Product managers and Data Analyst to design and implement new features. The project took off after i joined the team. The application is hosted on AWS.

**Responsibilities:**

* Design and develop new features in the application involving both front end development as well as RESTful APIs in the backend
* Data base design and development
* Integration of Web application with the Optimizer
* Code quality analysis on SonarQuube

**Tools/Technologies Used:** Angular, HTML, CSS, Nodejs, Hapijs, MySQL, AWS, SonarQube

**Company: Applied Materials**

**200mm Software Development and Support**

Duration: From September 2017 to Present

**Description:** Applied Materials’ 200mm tools are legacy tools used to process 8inch sized silicon wafers. A Single software team provides support for most of the 200mm process tools.

**Responsibilities:**

* Involved in the design and development of software to support various subsystems of the 200mm tools.
* Collaborate with hardware engineers to provide technical support and resolve field issues.
* Develop detail test plans and provide support at all stages of software testing.
* Bug fixes and maintenance support.

**Technologies Used:** C, Motorola 68000, C++

**Factory Interface Software Development**

Duration: From July 2012 to March 2017

**Description:** Factory interface software automates the process of transferring wafers from room environment to vacuum environment. FI Software is a robotic system, implemented as a common component that interfaces the tool to the factory.

**Responsibilities:**

* Worked on various releases of FI software which involved requirement gathering, design, development, testing of modules of FI software.
* Development of simulation support for FI software.
* Solving field issues.
* Mentoring team members.

**Technologies Used:** C++, Java, TCL Scripting

**Company: Mistral Solutions Pvt. Ltd.**

**Final Year Project**

Duration: From November 2011 to June 2012

**Description:** As part of the final year engineering project designed and developed a web based “Online Test Training and Recruitment System” for Mistral Solutions. It could be used to conduct online tests, publish test results, shortlist candidates and give interview feedback.

**Technologies Used:** HTML, Java Script, PHP, AJAX, MySQL

**Awards and Recognition:**

* Received “**Collaboration of the Quarter**” award for the “Design and Development of a Universal N2 Front Purge load port FI Kit” for which I developed software and supported the project from the FI Software team – September 2014
* Received **A3 award** (Applied Achievement Award) for the development of Centris configuration in FI SW - April 2015.
* Recognized as one of the top contributors of my 200mm software team in December 2018

**February 2020**