**Sharath Chandra G**

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***EXPERIENCE SUMMARY***

* Over 13 years of business and **technology** acumen with strong focus on innovation and leadership.
* 7 years of experience in leading teams.
* Heading the test practice for the Licensing and Test Automation teams, with stakeholders at global locations, I promote and champion engineering principles to manage all engineering activities through the product lifecycle.
* Experience in playing Scrum master and implementing agile processes from the scratch.
* Designing automation frameworks, test plans, code reviews and planning production upgrades and releases with the stakeholders.
* Proven track record of Customer relationship skills. Part of Customer Centric Engineering team (CCE) of Progress server products and responsible to coordinate with customers on Production issues.
* Experience in testing and designing automation frameworks for Web, Desktop and API.
* In-depth knowledge of Test Automation Frameworks, Continuous Integration Solutions, Project Management / Test Management, Test Automation Tools, Test Optimization, Test Design Techniques, Java, C# Programming Languages, VB Script, JavaScript & Testing Methodologies.
* Hands-on engineer and a seasoned Engineering Manager, I have established myself in handling a range of product development life cycles including Licensing, Oil and Gas industry and Enterprise Application product.
* Working experience on Transport Layer Security using **OpenSSL** (version 1.1.0c), **Java JSSE** 1.7 and **RSA BSAFE** (version 6.1.2) and integration of these for security.
* Working Experience in web services using **REST.**
* Working experience on CI/CD pipelines.
* Familiar with windows, Linux/Unix and Solaris platforms.
* Currently working in Agile methodology.
* Gained international exposure to UK, Ireland and US several times to liaise with customers and different product teams.
* Experience in setting up of teams from scratch.
* Good experience in Project Management and Stakeholder Management.
* Working experience on tools like Azure DevOps, Jira, ClearQuest.

## ***Employment:***

* Working for **AVEVA** **Solutions India LLP** as a Test Manger from November 2017 to till date.
* Worked for **Indmax IT Services** as a Staff QA Engineer from June 2017 to November 2017.
* Worked for **Progress Software** as a Principal Software Engineer I from September 2007 to June 2017.

##### ***Skill Sets:***

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| Operating Systems | Windows XP, 2000, Linux/Unix, Solaris |
| Language | Core Java, C# |
| Tools & Kits | Eclipse, Wireshark, GDB, Tamper, YourKit, QTP, Selenium, Postman, Winium |
| Source Control | MKS, Clear Case, SVN, GIT, Azure DevOps |
| Development Methodology | Agile Development System, Waterfall Development Methodology |
| Scripting Languages | JavaScript, VB Script |
| Continuous Integration Tools – CI/CD | Bamboo |

##### ***Education:***

Degree: Bachelor of Technology (Information Technology) from JNTU, Hyderabad in April 2006

##### ***Projects:***

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| **Title#1** | **AVEVA Licensing & Test Automation** |
| **Team Size** | 15 |
| **Role** | Test Manager & Scrum Master |
| **Details** | AVEVA Licensing system has different products in itself.  **LRPS:** License Request Processing System (LRPS) is the core of the AVEVA Licensing. This product will be used to generate licenses of different AVEVA Products.  **CALM:** Client Activated Licensing System (CALM) is the customer facing web-based product where customer will be generating licenses for their individual products based on their credit.  **ALS:** Aveva Licensing System (ALS) uses Safenet and acts as a server where the licenses for the products are hosted.  **AMRS:** ARMS is a client which is integrated to the AVEVA product to validate the license for the product.  **URS:** Usage Reporting System (URS) is a product which will get the license usage of the customer and processes the usage and bills the customer accordingly.  **LaaS:** Licensing as a Service is a cloud offering for the licensing software. |
| **Responsibility** | * Heading the Licensing test team and Test Automation teams and ensured the deliverables met the deadlines. * Optimizing the testing efforts by rolling out test automation across products by designing test automation for both Web and API. * Designing and maintaining automation frameworks for both API and web. * Define test execution, estimation, planning, reporting, implementation of quality processes, overall test delivery and requirement gathering. * Drive cross team collaboration efforts for product certification and integration. * Performed the role of scrum master and ensure the sprint deliverables are achieved and conduct daily standups, sprint reviews/planning, backlog grooming. * Conduct Sprint retrospectives and implement the action items from the retro outcome. * Perform code reviews for the automation. * Ensured timely and accurate test communication with Development Leads, Project Manager and Senior Management throughout the project life cycle. * Perform RCA’s. * Complete the performance appraisals for the team and complete the hike process within the budget. * Budget planning, Resource management, Resource hiring. * Maintain the skill matrix and ensure there is no attrition. * Coordinating with stakeholders from multiple product teams in delivering the product requirements. * Preparing and tracking metrics (both sprint and PI) and ensuring that the team is on track in delivering the planned requirements. |

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| **Title#2** | **OpenEdge STAT (Server Technology and Tools and Appserver).** |
| **Team Size** | 6 |
| **Details** | STAT includes Appserver and different clients like JavaOpenClient, DotNet Client and different adapters. The AppServer is the core of OpenEdge application and integration services and is the engine for running ABL business logic that can be made available to application clients as application services. Essentially, the AppServer is an ABL runtime client with no user interface, but instead provides a means for client applications to call its ABL procedures and user-defined functions remotely. Like most server products described in this manual, it relies on the Unified Broker framework for configuration and administration. |
| **Responsibility** | * Worked in Agile model and completed development and testing in sprints. * Was responsible for testing of new features. * Designed, developed and maintained test plans to aid in functional, regression and performance testing * Requirement analysis. * Code review for peers. * Verified resolved defects. * Developed and maintained automated test scripts. * Worked on the feature that is developed for the customer. * Making sure that QA is completed without any major issues during different milestones. * Helping presales teams. * Replicating the customer problems. * Involved in Project meetings and quality meetings. * Analyzing Test Results. Interacting with developers and QA (offshore and onsite) and supporting developments. * Developed and maintained the JUnit Scripts. * Involved in preparing Automation Framework. * Worked closely with the software development team and business team in testing software for all phases of the development cycle from early (and potentially undocumented) drafts to final release * Working with developers about the issues and triaging them. * Making sure that testing is completed without any major issues for different testing milestones. |

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| **Title#3** | **OpenEdge SSL support for Appserver** |
| **Team Size** | 4 |
| **Details** | OpenEdge AppServer supports SSL. As part of this initiative we added support for the latest protocol i.e. TLSv1.2 and support for strong ciphers. RSA was used as the vendor for SSL. We have also added JSSE to implement secured connections for both client and server. |
| **Responsibility** | * Designing functional spec. * Worked for development team in fixing the code so that the product supports the latest protocols. * Developed test plan, testcase documents and Automation plan. * Worked in Agile model and completed development and testing in sprints. * Responsible for fixing the product and testing the feature. * Bug Logging, Bug tracking, Test Result analysis and reporting was an implicit task all the time. * Performing Black Box Testing and Regression and Back-end Testing. * Involved in Project meetings and quality meetings. * Doing performance testing for one of the customer features. * Created and maintained Automated Test Scripts. |

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| **Title#4** | **OpenEdge Management** |
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| **Team Size** | 5 |
| **Details** | OpenEdge Management is a web-based tool which will be used by OpenEdge customers to manage the resources. This will provide access, visibility, and analysis of all OpenEdge resources. |
| **Responsibility** | * Worked in agile model and completed new development tasks in sprints. * Responsible in developing API which were used to as part of the UI development. * Design and review of Test Cases. * Execution of Test Cases and Logging of defects. * Working with techsupport to solve the issues faced by customer. * Reproducing customer issues and fixing them. |

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| **Title#5** | OpenEdge CCE (Customer Centric Engineering) |
| **Team Size** | 3 |
| **Details** | This is basically a team which will work on customer issues. The team will be responsible to work with Tech support and work with customers on their Production and solve the issues. CCE involves activities to liaison with field teams, Debug Production environment, modernize diagnostic capability of the OE product and groom resources to address customer issues. |
| **Responsibility** | * Streamlined product support and significantly improved the turnaround time of patch/service-pack/fix delivery by establishing a process to manage stakeholders and enhancing various product diagnostic capabilities respectively. * Responsible to work with different customers and Tech-Support engineers to analyze the customer’s environment and their issues. * Reproduce customer issues. * Analyze the issue on customer’s production environment. * Propose fixes to the issues. * Responsible to verify hotfixes. |

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| **Title#6** | RPM (Responsive Process Management) |
| **Team Size** | 5 |
| **Details** | Responsive Process Management is an integration project for the 3 specially identified Progress Products Apama (Now Software AG), Sonic (Aurea), Actional (Now Aurea) and PCT. This will help providing customer the visibility into their environment. |
| **Responsibility** | * Designed, developed and maintained test plans and automated test scripts to aid in functional, regression and performance testing * Worked on the feature that is developed for the customer. * Preparing schedules for the team and following up with the team. Helping the team if they are stuck with any issues while testing. * Working with developers about the issues and triaging them. * Making sure that testing is completed without any major issues for different testing milestones. * Making sure that the release is done smoothly without any major issues. * Worked closely with the software development team and business team in testing software for all phases of the development cycle from early (and potentially undocumented) drafts to final release * Involved in preparing Automation Framework. * Created and maintained Automated Test Cases. * Tested the integration part of Actional and Savvion * Identified software defects and interfaced with developers to resolve them and provided full support to the Test team. * Participated in the defect review meetings * Developed and maintained the JUnit Scripts. * Actively involved in preparing test cases and Execution of Test Cases. * Reported defects by using Jira (Defect Tracking tool) in terms of critical/major/minor defects classifications. * Analyzing Test Results. Interacting with developers and QA (offshore and onsite) and supporting developments. * Performing Black Box Testing and Regression and Back-end Testing. * Involved in Project meetings and quality meetings. * Doing performance testing for one of the customer features. * Helping presales teams. * Replicating the customer problems. |

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| **Title#7** | OpenEdge Architect |
| **Team Size** | 10 |
| **Details** | Progress OpenEdge Architect is an integrated development environment for application development, which is built on Eclipse to accelerate the application development process. It is a scalable and open platform that is compatible with any database, user interface (UI), and operating system. |
| **Responsibility** | * Involved in Manual testing. * Created and maintained Automated Test Scripts. * Created Reusable Actions and Function Libraries to associate with the test. * Upgrading the existing scripts to newer version of the Application. * Execution of test scenarios, analyzing the actual results against the expected results. * Task Estimation, Identification, Tracking and Reporting. * Writing Test plans and Test Cases for the newly implemented features. * Automating newly implemented features. * Customer Bug verification and preparation of test cases for the new bugs. * Design of Test Cases, review of Test Cases, Execution of Test Cases and Logging of defects * Bug Logging, Bug tracking, Test Result analysis and reporting was an implicit task all the time |

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| **Title#8** | Cross Product Automation Infrastructure |
| **Team Size** | 2 |
| **Details** | Cross Product Automation is an initiative to automate the integration between different Progress Products. The framework should facilitate the automation for integration for the products right from install, integration, and functional tests. |
| **Responsibility** | * Involved in preparing Automation Framework. * Written automation scripts using VBScript. * Automated the Eclipse IDE using QTP. * Developed a UI – HTA application using HTML and VBScript |

## ***Awards and Appreciation Letters Received:***

* Outstanding performer award for work that is done for RPM.
* Exceptional contribution award for the successfully accomplishing RPM testing making the product ready for Progress Analyst Day.
* Spot Recognition award for successfully completing the Cross-Product Automation Infrastructure.
* Spot recognition award for helping the presales people with their queries on the POC’s that were developed for customers
* Recognized for conducting usability sessions at IIT, giving demo of the Progress RPM product at the product road show in the Annual IT Summit that was conducted by Advantage AP.

**B1 Visa valid till 2021.**