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#  KRISHNA SRIDHARAN

#  Philadelphia PA 19104, USA

## EXPERIENCE SUMMARY

#### 12+ years of diverse experience in Microsoft and Test Automation technologies including Java, C#, Selenium, Gherkin, Specflow, Selenium Web Driver, Java Script, MVC, ASP.Net, Web API, SQL Server

#### Have sound knowledge of OOPS Concepts, Automation Testing, Mobile Automation Technologies, CI/CD pipeline

#### Well versed in Agile Scrum Methodology and DevOps

#### Exposure to Version Controls like GIT, TFS, CI/CD, Octopus, Team City

#### Proficient in creating automation frameworks, write test automation scripts using selenium web driver and Java and deploying the test scripts in CI/CD pipeline using Jenkins.

#### Proficient in creating automation framework using selenium web driver and c#, developing automation test scripts across cross browser, scheduling up the automated test scripts in continuous integration, mobile automation development, developing web/windows based applications on .NET platforms and ensured on-time delivery of client requirements.

#### Proficient in creating automated frameworks and developing test scripts of validating api’s.

#### Proficient in developing web based UI applications on .NET platforms

## FUNCTIONAL SKILL SET:

#### Analyzed User stories/Requirements given by Product Owners and created Design and User Acceptance test cases

#### Participated in Impact analysis, Estimation, Test Design Approach, Test Execution

#### Development of test Automation scripts for the in-Sprint User Stories

#### Executions of the automation scripts for production deployment

#### Continuous monitoring and reporting of the scheduled scripts in production.

#### Performed code analysis and identified the defects at QA environment and proactively fixing the defects before the software reaching to production

#### Performed Unit, functional, smoke and end-to-end testing

#### Developed Service Virtualization endpoints and made them to use in automation scripts for preventing the service downtime and failure in pre-prod environment.

#### Developed, maintained web applications and managed it through the complete SDLC

#### Proactively interacted with clients and product owners on finalizing the functional and technical specifications

#### Performed cross-browser testing to ensure compatibility of applications with different browsers

#### Performed mobile testing of the applications for both Android and IOS to ensure the applications are responsive

#### Attended scrum meetings with team, Scrum Master to evaluate the progress and performance of application in Agile Environment

#### Articulated QA risks and obstacles to key stakeholders

#### Well versed in Rally for tracking user stories and estimations for different tasks

#### Mentored junior team members on handling technical issues and learning cutting edge technologies

#### Involved in knowledge transition activities and developing Knowledge documents which can be used across organization

#### Resolved critical and challenging issues in multiple projects involving new technologies

## TECHNICAL SKILLS:

#### Operating Systems: Windows 10 and Windows 7

#### Languages: Java, C#, HTML, JavaScript, CSS

#### Technologies: Selenium, Specflow, Gherkin, Maven, Web Driver, Appium, Web API, Web Services, WCF, ASP.NET , AWS

#### Tools: Maven, Eclipse, Visual Studio.NET 2019/2017, TFS, Beyond Compare, GIT, Parasoft

#### Database: SQL Server 2008

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## Experience:

### Tyler Technologies, New Jersey/Georgia 06/2020 – present

### software developer

#### ***Role: Senior SDET***

***PROJECT: Energov***

## Energov is a comprehensive, Automated and well connected Civic Services Software for Smart Government Operations which starts from planning, permitting, and licensing to asset management and citizen requests. Energov is a one platform solution which automates, connects, and streamlines critical government processes through a planned workflow model and provides capability of inspection, enforcement and electronic plan review process.

#### Requirement analysis and architecture designs for automation frameworks.

#### Developing Automation Frameworks.

#### Involved in creation of Test Designs, Test Execution, Defect Triage and Post Production Support.

#### Configuration and Scheduling the tests using CI/CD pipeline

#### Monitoring the automation test cases report during daily run

#### Running manual validation for the in sprint user stories.

#### Creation and maintenance of test cases

#### Developing automation for in-sprint user stories

#### Attending scrum calls, grooming and planning sessions.

#### Coding and maintenance of automation test cases.

#### Development of automation cases Web API’s

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**Environment:** WebAPi, C#.Net, Agile, VS-2020, Selenium, SQL, Octopus, Team City, Dev-Ops, Bitbucket

### Cognizant Technology Solutions, Philadelphia, PA 02/2009 – 06/2020

### Senior ASSOCIATE

#### ***Client: Comcast***

***Role: Automation Lead/SDET***

#### ***PROJECT: Dotcom (01/2016 – 06/2020)***

Comcast Web Content Management is web development project focused on online marketing system aimed at increasing the online sales through www.xfinity.com website. The target is for the new users visiting the site. It displays offers and deals based on the location, segment from where the user views the site. It also has the option to add some equipment along with their product. The site support various browsers and mobile devices too. The project includes analysis and solution proposition of service requests raised by business users. Service Request is a change or enhancement that is driven by business or another application. Comcast Web Content Management is principally involved in the development, management and operation of broadband cable networks and in the delivery of programming content.

Comcast Web Content Management provides a wide variety of consumer products and services:

Video – Comcast offers interactive services packed with the best content on Digital Cable, video on demand and high-definition television.

HSD - Comcast offers the best content, reliable service and faster speeds.

Voice - Comcast's IP-enabled Digital Voice service offers consumers the quality they expect in a phone service combined with new interactive features for a low price.

Comcast Business Class - Comcast provides phone, Internet and video services to business customers across its national footprint.

Comcast Interactive Media (CIM) - develops and operates Comcast's Internet businesses, including xfinity.net (www.xfinity.net).

#### Requirement analysis and architecture designs for automation frameworks.

#### Developing Automation Frameworks.

#### Providing Solutions for Virtualization Services.

#### Involved in creation of Test Designs, Test Execution, Defect Triage and Post Production Support.

#### Configuration and Scheduling the tests using CI/CD pipeline

#### Monitoring the automation test cases report during daily run

#### Developing automation for in-sprint user stories

#### Attending scrum calls, grooming and planning sessions.

#### Coding and maintenance of automation test cases.

#### Development of automation cases Web API’s

#### Post production support.

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**Environment:** WebAPi, C#.Net, Agile, VS-2015, Selenium, SQL, Octopus, Team City, Dev-Ops, Parasoft

### Senior Developer

#### ***Client: AT&T***

**Role: Lead Developer**

#### ***PROJECT: Shop While You Watch (08/2015-12/2015)***

SWYW is a service developed with .Net WebApi technologies which will enable user to send advertisement notification messages to the user’s mobile device while watching a television program. The advertisement notification will be sent to the user’s setup box which in turn will be displayed in the television. The user can select the required advertisement and can send it to his tagged mobile devices as notification messages.

#### Requirement analysis and architecture design.

#### Conducting meeting with production owners on requirement elicitation and planning.

#### Design of certificate base authentication for the API’s.

#### Attending scrum calls and proposing architecture design.

#### Coding and Unit testing.

#### Deployment and bug fixes.

#### Post production implementation.

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**Environment:** WebAPi, C#.Net, Agile, VS-2012

### *Client: State Auto*

#### ***PROJECT: BizXpress/Bond Connect/MySA Production Support***

#### ***Title: Technology Lead (04/2015 – 07/2015)***

**BizXpress**

BizXpress is a web based tool for quoting a new business commercial policy for State Auto. It was created and developed with the inputs from the agency focus groups. BizXpress gives users the ability to print proposals and completed applications and to request policy issuance electronically.

**My StateAuto**

MyStateAuto (MYSA) is web based application which can act as an Underwriting Workstation for Large Account Solutions, Middle Market and Farm divisions. MYSA allows users to log, underwrite, and track accounts throughout their lifecycle. The strength of the application lies on its ability to integrate disparate bits of underwriting data, by relating that data to specific accounts. This banding of information enables the user to work with greater efficiency and accuracy.

**Bond Connect**

The BondConnect is a web based application to automate the issuance of a bond. It’s a System of Record for State Auto’s Bond Business. State Auto writes hundreds of different types of commercial surety bonds throughout the operating territory. The State Auto bond team provides the knowledge and expertise to support a wide variety of bond requirements.

* Requirement elicitation for Rate/Regulatory changes and enhancements to State Auto Portal applications for both commercial and personal line insurance
* Perform the role of Subject Matter Expert for State Auto Portal applications – BondConnect, BizXpress and My StateAuto,
* Create System Requirement Document and obtain Business approval before IT implementation
* Provide requirements walkthrough to Developers and Testers for build and test execution
* Perform system impact analysis and providing high level estimates for new changes in Applications
* Provide Level 2 support for incidents and Problems raised by end users for State Auto Portal applications
* Adhere to SLA and Project standard with 100% Quality
* Review deliverables from offshore and provide recommendations and feedback
* Coordinate with offshore team for day to day deliverables
* Update Knowledge Repository for Legacy applications with the changes made in recent releases

#### **Environment:** Asp.Net, C#.Net, JavaScript, JQuery, SSIS, Subversion, SSRS, WCF and XML

#### ***Client: Travelers Insurance***

***PROJECT: W2K8 Migration***

#### ***Title: Lead Developer (04/2014-03/2015)***

W2K8 server remediation involves migration of applications from Windows 2003 to Windows 2008 server, which includes remediation of web applications which were currently running in windows 2003 to windows 2008. This also includes remediation of the current application into .Net 4.0 and migrate them into the 2008 server. The remediation covers all the web application, asp component and batch job and windows services. As part of this project nearly 300 .net applications were remediated from w2k3 to w2k8 servers.

* Customer Relationship Management
* Conducting meetings and gathering the requirements from SME
* Providing technical solutions to offshore
* Conducting meeting with Architects for technical solutions
* Identifying the sunset applications
* Involving in the migration of the applications.
* Handling onsite offshore co-ordination to make team work effective and efficient
* To ensure smooth production roll out
* Developing the automation cases for API
* Post production support.

**Environment:** Asp.Net, C#.Net, MVC, MS Sql Server, Subversion, JavaScript, JQuery, and XML

#### ***Client: XL Insurance***

#### ***PROJECT: Global UI***

#### ***Title: Senior Developer (03/2012 – 03/2014)***

##### Global UI application is a 3 tier client-server windows application which is used as a major GUI application for underwriting system. The Global UI client consumes the web services to interact with the server (Windows) code which intern propagate calls to the AS400 system by converting the .net objects to the AS400 understandable objects through a middle tier component (GWS). The server code (Global UI) will call the GWS methods to interact with the GWS components. All transactions will be handled by GWS calls from the interOp layer. The enquiry module handles all the data retrieval through SQL calls to the GENIUS database.

* Requirement analysis and Estimation
* Preparation of Technical Specification documents detailing the code changes and impacted areas of the application
* Development of the application changes
* Unit Testing of the product that was being developed
* Interacting with client in weekly status calls
* Application enhancements and impact analysis

**Environment:** Asp.Net, C#.Net, MS Sql Server, JavaScript, web services, WCF, VS 2010, TFS and XML

#### ***Client: XL Insurance***

#### ***PROJECT:* Round Table**

#### ***Title: Senior Developer (03/2011 – 13/2012)***

Round Table Application is used by the Users to make submissions, Quote, Policies and also claims for specific policies. The System of records for the round table application is the AS 400 Genius system. All the details which are processed in the Round table application are stored in the Genius system database.

* Requirement analysis
* Estimation
* Preparation of Technical Specification
* Coding
* Unit Testing
* Interacting with client in weekly status calls
* Application enhancements

**Environment:** Asp.Net, Vb.Net, MS Sql Server, JavaScript, VS 2010, TFS, web service and XML

#### ***Client: CG – Center of Excellence***

***PROJECT:* CG Online**

#### ***Title: Developer (02/2009 – 02/2011)***

#### CGOnline is a portal that manages tracking, viewing CG Business Unit performance and operations as well as practice initiatives for outreach activities.

* Requirement analysis
* Estimation
* Coding
* Scheduling Batch Jobs
* Database Table Design
* Application Support
* Unit testing

**Environment:** C#, WCF, WPF, VS 2008, VSS, SQL 2008

## EDUCATION/Achievements:

#### Panimalar Engineering College, Tamilnadu, India

#### B.Tech Information Technology - April 2008

#### Received awards across various clients for delivery excellence

#### Received best performer awards from Cognizant