Divya Kalyanakrishnan

http://www.linkedin.com/in/DivyaKalyanakrishnan

+91-8220471180
divya.kalyanakrishnan@gmail.com

Synopsis

- Multi-faceted, Meticulous & Quality-focused individual, having 10 years of experience in Agile Software Development, Quality Practices, Designing Automation Frameworks & Continuous Integration Systems.
- Team player helping multiple teams to collaborate towards Releasing Product with Quality. Proven leadership skills at coaching budding engineers & driving Simplification Culture across organization.
- Seeking for opportunity as **Senior Quality Lead/Quality Manager/Scrum Master** where I can leverage my technical & leadership skills.

Skill Set

- **Quality Assurance**: Requirement gathering, Test strategy & management, Defect Management, Testing.
- **Automation:** Java, JavaScript, C#, Batch Scripting, Python, SQL Scripting, BDD – Protractor, Cucumber, Gherkin, MSTest, Selenium, JMeter, Postman, Perfmon.
- **Management**: Streamlining process/ waste reduction, Change Management, Team Leadership, Time management, Prioritization, Metrics management, Mentoring.
- **Soft Skills**: Presentation skills, Business communication skills, Influencing skills, Telecommuting.
- **Methodologies:** Agile, Scrum, Continuous Integration & Deployment, Six Sigma, ISO Audit.
- **Tools**: Git, Tortoise, Jenkins, Rally, Confluence, Quality Center, Putty, Relevant IDEs
- **Databases:** PostgreSQL, Oracle, Historian, H2 DB.

Education & Certifications

- M.S., Software Systems: Bits Pilani (2010 - 2012)
- B.E., E.E.E: PSG College of Technology, Coimbatore (Affiliated to Anna University) (2003 - 2008)
- CSM & CSPO: Certified Scrum Master & Product Owner
- GE Predix Certification
- LRQA Internal Auditor
- Lean Six Sigma Green Belt
- ISTQB/ISEB Foundation Level
- GE Crotonville Trainings – Foundations of Leadership, Dynamic Teaming

Awards & Achievements

- **Engineering Recognition Award**, Individual Award, for Driving Lean Productivity Savings Culture in GE, 2016.
- **Productivity Star Award,** multiple awards for bring a Change-Agent on boosting productivity through Kaizens & Simplifications, 2013-2015.
- **Speed and Productivity,** Team Award, under best project category, 2010-2011.
- **Above and Beyond Award,** multiple Individual awards for contribution in different projects through career.
- **Topper Award**, for State rank in school 12th class for Tamil, 2002.

Technical Experience

Total Experience: 10 years 5 months

Staff Quality Lead & Automation Architect, GE Power Digital

January 2017 - Present (1 year 6 months)   *Quality Management, Automation, Analytics*

- **Quality Lead**: Managing a team of test engineers across 4 scrum teams; Responsible for product release quality, **Strategizing** Test Methodology, Reporting Quality **Metrics**; Drove Testing Tool selection; Established Automation Coding standards, Source Control Regime & Continuous Integration & Testing Strategy.
- **Automation Lead:** Developing & maintaining Automation suites using **BDD** approach; Preparing extensive Performance suites for Microservices Validation using **JMeter**.
- **Analytics**: Gaining Power domain knowledge for analyzing Product features; Strategizing scenarios & Devising huge **testbeds** and automation approach for validating Analytics.
- Persistently worked as Individual Contributor on user stories, while also hiring new resources & mentoring them for project needs.

Senior Quality & Automation Engineer, GE Power

April 2015 – December 2016 (1 year 8 months)   *Automation, Coaching, Scrum Master*

- **Automation**: Refactored Automation suites based on **Selenium-Java** to be more robust & reliable.
- **Exploring Tools & Coaching**: Explored new Automation tools & techniques like **BDD**. Conducted seminars across teams on Testing & Automation methodologies for **Microservices** & Predix based web applications.
- **Secondary Scrum Master:** Involved in planning, execution & prioritization of user stories in Rally; Delivered project presentations; Managed interactions with key stakeholders across locations to gather requirements.

Automation & Build Specialist Engineer, GE Power & Water

June 2010 - March 2015 (4 years 10 months)

As Automation Engineer: *Automation Tools, Performance Tools*

- Developed Automation frameworks using C#, Selenium and MSTest for Smoke & Regression suites.
- Conducted Performance testing using LoadRunner, Perfmon and Memory Profiling tools.

As CI Specialist: *CI Tools, Reporting*

- Set up Continuous Integration Systems for several projects. Maintained & reported out Build Metrics.
- Maintained Stability of Jenkins Build System by setting up automatic trigger of build reports detailing root-cause of build failures.

Quality Assurance Engineer, GE Energy   *QA Skills, Technical Writing*

June 2009 - May 2010 (1 year)

- Understood different Project portfolios & business needs, while working on multiple products in parallel.
- Involved in Requirements gathering, Testcase writing, Manual test execution. Helped to achieve a confident project release by preparing a Test Completion report along with a detailed Defects report & RCA summary.

Junior Java Developer/ Intern, GE Energy   *Java, Databases*

January 2008 - May 2009 (1 year / 3 months)

- As part of college final year project, did an Internship for 3 months. Co-developed Utility tool in Java for HR team, by re-using an existing framework's components, to maintain Employee databases. Got hands-on experience in working on server side, client side & databases.

Additional Projects

Analytic Deployments on Cloud, GE Power Digital   *CI, AWS, Genie, Airflow*

August 2017 - December 2017 (6 months)

- Learnt about AWS, Genie & Airflow, to deploy analytic packages on Cloud Infrastructure.
- Performed end to end validation of analytics from both database & Application ends, right from GIT checkin, build trigger, package deployments, Analytic run, logs analysis & outcome analysis.

Internal Auditor, GE Power   *Audit, Quality Standards*

April 2014 - December 2014 (9 months)

- Conducted Internal Audits by working across teams along with stakeholders, to ensure implementation of Quality best practices for Software Releases.

Productivity & Simplification Head, GE Power & Water   *Kaizen, Change Management*

August 2013 - December 2015 (2 years 5 months)

- Led Productivity & cost savings across pan-Indian regions - **driving Innovation** across multiple teams towards simplifying processes & realizing cost benefits on their works.
- Connected with global leaders across various GE businesses to drive those Simplification ideas to completion.
- Managed Time with dual responsibilities of driving Simplification culture while also working on Projects.