Darshan K M

Sr. Software Engineer

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Bangalore, India

Seasoned Automation Engineer with 5+ years of experience in Performance testing, API testing, and BDD. I specialize in delivering high- quality software by automating tests, ensuring API reliability by using Postman, and optimizing performance for exceptional user experiences.

WORK EXPERIENCE

Sr. Software Engineer/SDET
IN TIME TEC

12/2021 - Present   *Bangalore*

Achievements/Tasks

- Design and Develop Automated Test Scripts Build and maintain robust, reusable, and reliable test scripts using Selenium for UI testing. Leverage automation frameworks and libraries to ensure efficient test coverage across various application features.

- API Testing and Automation Develop and execute automated tests for RESTful APIs using tools like Postman, Rest-Assured, or similar frameworks to validate backend functionality, data integrity, and error handling.

- Performance Testing and Analysis Execute performance and load testing using tools like JMeter or Gatling. Monitor performance metrics, identify bottlenecks, and provide actionable insights to improve application performance.

- Continuous Integration and Deployment (CI/CD) Integration Integrate automated tests into CI/CD pipelines (e.g., Jenkins, GitLab CI) for continuous testing, ensuring that tests are run with every deployment to catch issues early.

Software Engineer
Applitec Solution Pvt Ltd

12/2019 - 12/2021

Achievements/Tasks

- Execution of Regression and Smoke Testing Regularly run regression and smoke tests on new builds/releases to ensure existing functionality is not broken and that critical paths are intact.

- Perform exploratory, regression, integration, and system testing on application builds. Document and report bugs with detailed steps for reproduction, severity, and priority.

- Write and execute automation scripts based on Gherkin language (feature files) to validate user stories. Ensure scripts cover functional, regression, and integration testing scenarios.

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EDUCATION

Bachelor of Engineering
Institution/Place of Education

Courses

- AMC Engineering college, Bangalore.

SKILLS

Performance Testing · API Testing · JMeter · Postman · Newman · Python · Java · Cucumber · POM · BDD · GIT · Jira · JavaScript · Data Validation · Selenium · TestNG

PROJECTS

NPF(Net Pricing Framework) (10/2023 - Present)

- The application is used for HP Category managers to see the status (dashboard) of products (how many are there in the warehouse, how many products are sold, how many came back from the customers, how many products need to get ready) for different countries (such as printers, etc) which we get from multiple sources (Neptune, Work IT, GFK, CDNA) for particular countries, quarters, months and weeks for specific SKU's, through the application managers, will get to know what is the status of the products, and there will take necessary actions based on it to increase the selling.

PAT (Pricing Analytics Tool)

- The application is used by HP Category managers to sell their HP products (such as Notebooks, Desktops, Displays, and Printers) and run promotions to achieve goals (to increase inventory or increase gross margin) for particular quarters on specific weeks for specific SKUs. Through the application, end-users calculate the ROI (Return on Investment) and check whether the promotion given by end-users is actually making them any profit.

Catiomatic

- CATIOMATIC is a macro that automates the CADCAM Application of Airbus Group India Pvt ltd. Catiomatic launches Cadcam Application, catia and VPM where the DT, ENV and drawing sheets are created, it links DT, ENV, and drawing sheets. It selects the different modes of the Aircraft. It also configures the aircraft mode and it reads the Excel which has the part numbers. It takes part numbers from the Excel and searches for 3D parts, if 3D parts are present it pastes them on the ENV created and this loop repeats. After the loop, it saves all the parts saved on ENV and launches it in the Caria Tool.

ACHIEVEMENTS

Learn and Integrate (03/2021 - 03/2022)

Certified by IN TIME TEC

LANGUAGES

English
Full Professional Proficiency

Kannada
Full Professional Proficiency

Telugu
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Playing Cricket · Bike Riding · Badminton