Name: Barathwaj Ravisankar B.E CSE
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OBJECTIVE:

"Software Development Engineer-Test with extensive full stack(UI & API) development experience and strong record implementing complex business requirements seeks a lead engineer position, leveraging my technical and customer relations expertise to deliver best-in-class B2B solutions."

EDUCATIONAL QUALIFICATION:

COURSE	INSTITUTION	BOARD	YEAR
B.E (COMPUTER SCIENCE AND ENGINEERING)	Chennai Institute of Technology	Anna University	2013-2017

TECHNICAL SKILLS:

- **Skills:**
  OOPS Concepts, HTML(Website design), JIRA, Testrail, Agile Methodology, Bug tracking Cycle, Data Structures and Algorithms, SDLC, STLC, SDET, Framework Development and Administration, QA(Manual/ Automation) Engineer, Agile, API Automation, SQL, Core Java, MS Excel, MS Word.

- **Languages:**
  C++, Java(Core), Python, JavaScript, C#, Jherkins, Nodejs.

- **Technology:**
  Selenium, Appium, Cucumber, TestNG, PyTest, Django, PlayWright, Cypress.

- **Database:**
  MySql, Postgresql

- **Frameworks:**
  BDD, KDD, TDD, Hybrid

- **Design Patterns:**
  MVC, POM, SAM

- **Operating Systems:**
  Windows XP , MS Server 2003 , 2008

- **DevOps:**
  AWS, Azure, Jenkins, KATS.

AREA OF INTEREST:

- SDET, DevOps, QAE, Database Management, Big Data, AI, System Security

EXPERIENCE:
- Worked in Sutherland Global Services for Amazon Process. **(Sep 2017 – Jan 2019).**

- Worked as QA Engineer in Amazon Development Centre, Chennai **(March 2019 – June 2021).**

- Currently working as Senior SDET in AFour Technologies **(July 2021-Till Date)**

ROLES AND RESPONSIBILITIES
@GLOSSIER.COM(SR.SDET)

Roles and Responsibilities:

• Managing a team with strength of 3
• Created and maintaining a Framework with Cypress, JavaScript, and PlayWright for E2E Scenarios Automation, using Git Hub for Code Repository
• Automated E2E Scenarios for Glossier Regression Test cases and involved in Resolving clarifications for the team and raising defects in the defect tracking tool
• Coordinating with the Client and QA team for resolution of any outstanding issues Involved in Bug life cycle and Defect tracking activity in Bit Bucket
• Performed retrospective analysis after each release to increase the overall quality and coverage

AMAZON (As a QA Engineer**):**
Teams : BAT, End To End, FTUE.

Device Manual Testing:

Kindle Fire HD-X tablet supports E-Periodicals, E-Books & Audio books, Games, Apps, Videos, Music, Shop, and Web. Testing compatibility & functionality of the device software is done End to End from basic. Regression is done for the entire project test suite for every build. Stress testing, Acceptance testing and testing the performance of the device is done on Regression Basis.

Roles and Responsibilities:

• Managing a team with strength of 5
• Execution Based on Regression testing
• Resolving clarifications for the team and raising defects in the defect tracking tool
• Coordinating with the Operation Managers and QA team for resolution of any outstanding issues Involved in Bug life cycle and Defect tracking activity in Jira

• Performed retrospective analysis after each release to increase the overall quality and coverage of the test suite
• Status Reporting and Documentation (Daily/Weekly status report)
• Ad-Hoc testing, Smoke testing & Build Acceptance testing for the Regression cycle process
• Cross functional testing such as Performance and Privacy Testing for the Regression cycle process

Device Automation Testing:

Kindle Fire HD-X tablet was introduced to a new feature called FTUE/Modeswitch in which the tablet behaves like a Multimodel Alexa device. Once the manual test cases were identified for the feature, it was identified that more than 60% of the manual test cases could be automated with the help of the existing internal framework. Performance and End to End testing on regression basis was automated.

Roles and Responsibilities:

• Requirement and scope analysis.
• Preparing automation structure and strategy model.
• Hands on experience in KATS – Kindle Automation Test Services
• Hands on experience in TMS – Test Management System
• Automated Test cases using UI Automator based internal framework
• Extend support for multiple PFM's (UK,DE,JP,CA) based on feature availability
• Driving the automation team towards the end goal
• Basic reviewing and troubleshooting of the new automated testcases

Web Automation Testing:

Kindle store consists of Kindle e-Books, Newspapers, Magazines, Audio books and Games. All kindle supported contents are purchased via kindle store only. Amazon has overall 14 market places across the world. Each marketplace has its own unique features. Test strategy is created uniquely for the respective kindle stores. The testing team receives multiple modules for testing with associated release schedules

Automated Jira Audit Process, Execution Audit process and kbits jira report generation(Web Automation).

WORKS ACCOMPLISHED:
Manual Testing:

- ✓ Handled 4 Software releases and made successful deliverables
- ✓ Created Test Plans for Software releases, written 500 Test cases for more than 10 Components and Features and E2E Scenarios

✓ Performed Functional and Non Functional Testing on all End to End Features and components, Also Involved in Test Suite Cleanup and updated the test cases to current design and behavior.

Automation testing:

✓ Automated more than 500 test cases which are which are executed Manually

✓ Automated Mode Switch Performance Testing using Systrace.

✓ Components: FTUE(First Time User Experience), Mode Switch, BAT(Build Acceptance Testing)

✓ Actively involved in Automation Framework maintenance, done Code Review for peers and improved code reusability

✓ Involved in Code Migration Activity for Framework efficiency, performed Code Cleanup and add new codes to Automation framework which work faster and easier.

ACHIEVEMENTS:

- Solved Tower of Hanoi in 60 sec: MIT CSE Symposium

- Got R&R for raising blocker and critical Bugs within a short span of time: Amazon.

- Star Performer Award for 6 Quarters (in 2 Years): Amazon

- Top Coder Award for pushing high number of commits to Git Repository: Glossier.com

CERTIFICATION AND PARTICIPATION:

- Won third place in "**Ethical Hacking Event**" conducted by PRATHYUSA'15

- Coordinated "**Hacking Event**" for my department symposium

- Worked on a Technical Event in CIT-COS

PROJECT IDEAS:

- **A Survey of Web Usage Mining based on Fuzzy Clustering and HMM**
  The system for internet user in order to manage the records using their searches fetched from their search database.

STRENGTH:

- Quick learner
- Presentation Skill
- Leadership quality as well as elegant team player
- Ability to handle multiple tasks

I do hereby declare that the particulars and the facts stated herein are true, correct and complete to the best of my knowledge and belief.

Place: Chennai.

Date: **(BARATHWAJ R)**