DEVARSHI SINGH

Software Engineer 2

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WORK EXPERIENCE

</> Software Engineer 2

📅 May, 29 2023 - Present   📍 Dell Technologies, Bengaluru

- I contribute towards Test creator, which helps QE team create test cases quickly without coding, saving time for the QE team to test more.
- I work on Dell's PowerMax product within a team using Microservices architecture.
- My main tasks involve using Python/C for backend and Java for UI to fix bugs reported by the QE team.
- I also enhance the Test Creator tool by adding new features using Python and tracking progress through JIRA.
- Additionally, I use Python to convert C functionality once sprint items are done, improving Test Creator efficiency.
- I participate in daily code reviews.
- I'm proficient in Python, Jira, Confluence, Git, Maven, and Putty.

</> Test Engineer 2

📅 August, 03 2020 - May, 29 2023   📍 Dell Technologies, Bengaluru

- Served as a Test Automation Engineer for the OMIVV team, fulfilling a range of critical responsibilities. Engineered an automation framework atop DUF 3.0, enhancing test case automation capabilities.
- Collaborated with a teammate to develop utility tools, streamlining repetitive tasks and overseeing repository maintenance.
- Automated VROPS API to validate scalability scenarios, ensuring robust testing.
- Identified and addressed significant defects and enhancements, boosting product throughput and preventing potential issues.
- Managed Simulation Scalability for OMIVV versions 1.X and 5.X within the OMEVV team.
- Contributed to the advancement of automation frameworks using Python and C#.
- Spearheaded the Alert And Alarm feature, which relied heavily on automation, enhancing efficiency.
- Resolved minor issues with trigger of the test automation suite on Jenkins, maintaining overall testing reliability.
- Conducted Build Verification Testing (BVT) and Regression automation suites, ensuring product stability on biweekly basis.
- Proficiently utilized tools like Jira, GitHub, QMetry, and QTest to streamline project workflows.
- Demonstrated flexibility by performing manual testing when necessary, ensuring comprehensive quality assurance.
- These points highlight my proactive approach to automation, problem-solving skills, and ability to collaborate effectively within teams to drive project success.

OBJECTIVE

"Inquisitive Engineer with 3+ years of experience with expertise in Python coding, looking to offer high quality of service in a reputed organization."
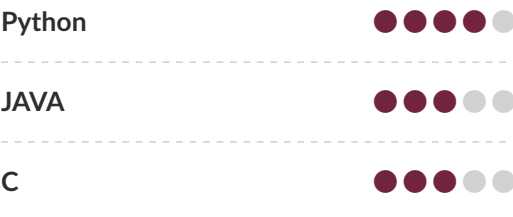
STRENGTHS

Inquisitive   Eyes for detail(s)
Perseverance

WEAKNESS

Over thinking

PROGRAMMING SKILLS

Python   ●●●●○

JAVA   ●●●○○

C   ●●●○○

EDUCATION

National Institute of Technology Calicut, Kerala
M.Tech (Computer Science and Engineering-Information Security)
📅 2018-2020   🏆 7.16 CGPA

Raj Kumar Goel Institute of Technology, Ghaziabad
B.Tech CSE
📅 2013-2017   🏆 73.76 %

St. Atulanand Convent School, Main Branch, Varanasi
12th - AISSCE Board
📅 2011-2012   🏆 78.60 %

Jeevandeep Public School, Varanasi
10th - AISSE Board
📅 2008-2009   🏆 81.60 %

PROJECTS

Projects
🎓 M.Tech

Designed and Implemented Malicious File Detection System.

SLOW-LORRIS ATTACK

Slowloris is a type of denial of service attack tool. Imitated this attack over the router.
Video link : https://youtu.be/L1pZ7icGOWY
https://youtu.be/dbvlB7OWqQU

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BUFFER OVERFLOW ATTACK

The buffer overflow attacks results from input that is longer than the implementer intended. Simulated stack overflow attack.
Video link : https://youtu.be/K1Wo6nDrews

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🎓 B.Tech

Expense Manager - An app to track daily expense displayed with graphs.

ACHIEVEMENTS

- Secured 98.27 percentile in GATE 2018.
- According Pluralsight (Skill IQ), I am at 78th percentile [Proficient Above Average] in Python, 2 percentile (1 question) away from Expert.

ENRICHMENTS

- Completed all 115 challenges on Python on HackerRank. @ Hacker_rank_profile_link
- Provided suggestions for improving coding articles on GeeksforGeeks. @ GeeksForGeeks_profile_link
- Completed coding and certificate courses. 🎧 Github_profile_link
- Organized virtual fun activities for the OMIVV team on a bi-weekly basis.
- Actively participated in socio-economic activities as a member of Planet ERG since joining Dell, contributing over 100 hours.