

DEEPANK CHAUHAN

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Dear Talent Acquisition Team,

I am writing to express my interest in the Software Development Engineer in Test (SDET) position at your esteemed organization. With over 4 years of experience in scripting, automation, and software testing, I am confident in my ability to contribute effectively to your team.

Throughout my career, I have honed my skills in developing automated test scripts using Python and Selenium, creating comprehensive test plans, and ensuring system reliability. My tenure at GreyOrange has equipped me with the expertise to troubleshoot and resolve critical issues, enhance business continuity, and support customer relations through effective communication and problem resolution.

Notable achievements include minimizing manual errors through process automation and providing on-site support to key clients in the US and South Korea. These experiences have not only strengthened my technical skills but also my ability to handle high-pressure situations and deliver results.

I am excited about the opportunity to bring my background in test automation to grow along with the organization. I look forward to the possibility of discussing how my skills and experiences align with the needs of your team.

Sincerely,

Deepank Chauhan

RESUME

PROFESSIONAL SUMMARY

Proactive and detail-oriented Software Development Engineer in Test (SDET) with over 4 years of experience in scripting, automation, and software testing. Adept at developing automated tests, creating comprehensive test plans, and improving system reliability. Demonstrated success in resolving critical issues, developing workarounds, and enhancing business continuity. Seeking to leverage expertise in test automation and process improvement in a dynamic team environment.

EXPERIENCE

Software Development Engineer in Test (SDET) - *GreyOrange, Gurugram*

Sep 2020 – Present (3.75 years)

- **Automation and Scripting:**
Developed automated test scripts using Python and Selenium to streamline the testing process, significantly reducing manual intervention and ensuring high reliability and repeatability of tests.
- **Test Planning and Execution:**
Designed and executed comprehensive test plans and test cases for various software modules, ensuring all functionalities meet the specified requirements and standards.
- **Issue Resolution:**
Identified, troubleshooted, and resolved critical and highly escalated issues, ensuring minimal disruption to business operations and maintaining high levels of customer satisfaction.
- **Customer Liaison:**
Acted as a QA owner for critical customers, enhancing customer relationships and supporting business growth through effective communication and problem resolution.
- **Process Improvement:**
Created and documented Standard Operating Procedures (SOPs) and automated scripts to decrease resolution time and ensure adherence to Service Level Agreements (SLAs).

Data Analyst - *AlsoEnergy, Gurugram*

Jan – Sep 2020 (9 months)

- **Data Automation:**
Developed Python scripts to automate data processing and analysis tasks, reducing manual effort by 22% and increasing overall efficiency.
- **Data Quality:**
Conducted data cleansing and validation procedures to identify and rectify data gaps, outliers, and inconsistencies, resulting in improved data accuracy.
- **Collaborative Analysis:**
Worked with multiple teams to analyze solar energy performance data, providing insights for performance optimization.

SKILLS

- **Programming Languages:** Python, Java
- **Automation Tools:** Robot Framework, Pytest, Selenium, Appium, JUnit, TestNG
- **Frameworks:** Django, Flask
- **Scripting:** Bash (Linux)
- **Version Control:** Git (BitBucket & GitHub)
- **CI/CD Tools:** Jenkins, Bamboo
- **Containerization:** Docker, Kubernetes
- **Databases:** SQL
- **Testing Tools:** Postman, JMeter
- **Methodologies:** Agile, Scrum
- **Bug Tracking:** Jira, Zendesk
- **Monitoring Tools:** Grafana

EDUCATION

Bachelor of Technology (B.Tech.) - Computer Science

Aug 2016 - Jul 2020

Dronacharya College of Engineering Gurugram, Haryana

- Relevant coursework: Data Structures, OOPs, Database Management Systems, Machine Learning, Algorithms

CERTIFICATIONS AND ACHIEVEMENTS

- Site Installation and on-site UAT (User Acceptance Testing) and HAT (Hardware Acceptance Testing) for Overseas Clients
- Valid B2 Visa for up to 10 years (2033) that enables on-site support for the US clientele
- Completed CS50: Introduction to Computer Science by Harvard University (Dec, 2021)

PROJECTS

- **Autonomous Mobile Robot (AMR):** Collaborated on a robotics project to create a multi-terrain AMR using Arduino Nano microcontroller and embedded C programming.
- **Online Shopping Website:** Developed a full-fledged e-commerce store providing a seamless online shopping experience.
- **Stock Broker Web Application:** Created a prototype stock broker application that fetches data from external APIs to display current stock prices and trading options.

REFERENCES

- Yongseob Kim - Customer Experience Manager - Coupang: +82 10-6359-6129
- Elizabeth Williams - Senior Industrial Engineer - GXO: +1(909) 285-6515
- Manoj Dalal - Senior Technical Service Engineer - GreyOrange: +91-8053273822