Siddharth Kumar

Software Test Engineer

7061483898
Pune, Maharashtra
anandsiddhartha134@gmail.com

Github: Siddhhu
LinkedIn: SiddharthKumar
Portifolio: My Portifolio

PROFESSIONAL SUMMARY

Versatile and result-driven Software Development Engineer in Test **with 3+ years of experience in automation frameworks, performance testing, and CI/CD pipelines using tools like Jenkins and TeamCity**. Proficient in **Python, Selenium, API testing, and cloud solutions on AWS, with hands-on expertise in databases like PostgreSQL and MySQL**. Skilled at **streamlining workflows, identifying bottlenecks**, and **delivering scalable, high-quality solutions under tight deadlines.**

SKILLS

Languages	Python, Java, Scala, C++, JavaScript
CI/CD Expertise	Jenkins, TeamCity
Database Management	PostgreSQL, MySQL
Tools and Technologies	Selenium, Appium, Pytest, Flask, Pandas, NumPy, TestNG, Neoload, ETL Testing, Datadog, Splunk , (S3, EMR, CloudWatch, Lambda), Bitbucket, JIRA, Hadoop, TeamCity, Jenkins, REST API Testing.

WORK EXPERIENCE

SOFTWARE TEST ENGINEER   **July 2022 — Present**
ZS Associates   *Pune, Maharashtra*

- Engaged in comprehensive **end-to-end testing of data driven AI empowered application** , focusing primarily on backend(**Database, ETL Pipelines and API testing**) and managing the application quality.
- Streamlined and **automated complex, iterative processes**, resulting in a **40% time savings for the team and ensuring the project was delivered on schedule without compromising quality.**
- Implemented **seamless automation** through a CI/CD pipeline, established a streamlined **TeamCity build** for the project, and effortlessly generated reports with minimal effort.
- Developed a **efficient python framework** automating complex performance engineering processes, especially focused on load testing applications. This framework's automated test result delivery significantly contributed to **early bug detection, ensuring a timely application release**.
- Designed and implemented a **real-time Flask-based dashboard utilizing PostgreSQL and matplotlib**, centralizing key performance indicators across releases. This streamlined **team collaboration** streamlined data insights, ultimately leading to **faster identification of release bottlenecks and data-driven decisions**.
- Enabled the team to scale the **application by 4x** by collaborating with the development team to **analyze query plans and provide actionable insights**, leading to **optimized performance and a significantly enhanced product experience for users.**

SDET INTERN   **June 2021 — June 2022**
Frugal Testing   *Hyderabad, Telangana*

- Played a pivotal role in optimizing Grab's dynamic ecosystem by conducting **thorough load testing for trip creation, ensuring the application's bandwidth could effortlessly handle high traffic volumes.**
- To expedite testing speed and free up valuable team resources, I developed a **suite of JavaScript scripts that automate various aspects of trip creation.**

ACHIEVEMENT

Received **Learning Champion Award at ZS Associates** for outstanding contributions and commitment to **continuous improvement in learning initiatives.**

Multiple Appreciation Mails from client teams, stakeholders, management for resolving complex priority issues.

EDUCATION

Computer Science and Engineering, *Lovely Professional University*		*CGPA - 8.5*	2018 – 2022
Class XII , *BSEB*		*Percentage - 72.8*	2016 – 2018