

Subham Prakash Nayak

Software Test Automation Engineer

✉ nsubham492@gmail.com

☎ +91-7008909655

📍 Baripada

Dynamic **Software Test Automation Engineer** with **3+ years of experience** in IT, specializing in **Python automation** and testing **web-based** and **client-server applications**. Proficient in creating and executing automation frameworks using **Selenium WebDriver**, **UnitTest**, and **Pytest**. Experienced in validating **REST APIs** with tools like **Postman** and integrating test solutions into **CI/CD pipelines** using **Jenkins** and **Robot Framework**.

Adept at data analysis and validation with **SQL**, **Pandas**, and **NumPy**, and skilled in working with **DevOps tools** like **Docker** and **Kubernetes**. Demonstrated ability in **performance testing**, **security testing**, and delivering end-to-end solutions in **Agile environments**. Seeking opportunities to leverage technical expertise in delivering robust software testing solutions.



TECHNICAL SKILLS

Languages: Python, SQL, MongoDB

Automation Tools: Selenium, Robot Framework, PyCharm, VSCode

Testing Tools: REST, Postman, SoapUI, HP ALM, MTM

DevOps Tools: Jenkins, Docker

Web Services: RESTful APIs, JSON

Databases: Oracle 11g/19c, SQL

Operating Systems: Windows XP/10/11, UNIX, Linux

Methodologies: Agile, Waterfall



PROFESSIONAL EXPERIENCE

Software Test Automation Engineer *NeoSOFT, Pune* | Aug 2021 – Present



PROJECTS

Project 1: Industrial Ethernet Switch

Client: US Cellular, USA **Technology & Tools:** Python, Selenium, UnitTest, Pytest, Git, Jenkins, Docker, Kubernetes, MongoDB, AWS EC2, Robot Framework

Project Overview: Developed automation frameworks for monitoring 5G networks and analyzing VoIP call quality. Automated **CDR processing, data validation**, and integrated testing into CI/CD pipelines.

Key Responsibilities:

- Designed test plans, scenarios, and cases for REST APIs and web applications.
- Automated functional and regression tests using **Robot Framework** and integrated with CI/CD.
- Validated **CDR normalization, aggregation**, and data transformation processes.
- Conducted database integrity checks using SQL and logged issues in **HP ALM**.
- Maintained and configured test environments for seamless execution.

Project 2: Telefonica

Client: US Cellular, USA **Technology & Tools:** Python, Selenium, Pytest, Postman, Docker, AWS EC2, MongoDB

Project Overview: Developed a mediation layer for transforming and validating customer usage data in a CRM and billing system. Automated ETL processes and implemented analytics dashboards using Oracle BI.

Key Responsibilities:

- Prepared and executed functional test cases based on requirements.
- Automated test cases for API validation and database checks.
- Collaborated with teams to analyze business requirements and review test designs.
- Verified UDR mapping and transformation logic using complex SQL queries.

EDUCATION

Odisha

Bachelor of Technology (B.Tech), BPUT

DECLARATION

I hereby declare that the information provided is true to the best of my knowledge.

Subham Prakash Nayak