

PRABHANSHU SAHU

Mobile: 8699841705, Email: prabhanshusahu@gmail.com

LinkedIn: [prabhanshu-sahu-a34677196](#) Location: India

PROFESSIONAL SUMMARY

A skilled **QA Engineer** with 1.5+ years of experience in **automation testing, data analysis, and quality assurance**. Expertise in **Python, Selenium, and SQL** for automating test cases, optimizing test processes, and enhancing software quality. Proficient at working within **Agile frameworks** and collaborating with cross-functional teams to ensure high-quality product delivery. Strong background in identifying issues, performing root cause analysis, and improving processes through automation and testing strategies.

PROFESSIONAL EXPERIENCE AND INTERSHIPS

Software Engineer – QA Automation

Veersa Technologies, Noida | July 2023 – Present

Product: Unified Consumer Portal (US Healthcare) A Portal managing the Caregiver Services for the Patients in US Healthcare for Different States

- **Data driven Test Automation:** Built data driven automation strategies using **Python selenium** for over 200 test cases to streamline workflows, **minimizing manual testing effort by 50%** and saving **8 hours per week** in operational time, increasing productivity.
- **Improved Test Coverage:** Increased **test coverage by 50%** resulting in **30% reduction in defects** through comprehensive process improvements ensuring higher product reliability and faster delivery.
- **Cross-Environment Testing:** Conducted **test runs** across multiple environments, tracking and reporting defects via **TestRail** and **JIRA**. Enhanced **issue resolution by 37.5%**, reducing average resolution time from **4 days to 2.5 days**.
- **Client Engagement & Product Expansion:** Led Clients discussions and Product Demos gathering requirements for product expansion, resulting in the successful product deployment in **4 additional US States (TX, MI, MA, MN)** driving business growth.
- **Leadership in Testing:** Spearheaded testing initiatives for **Regression, Accessibility, Security, Integration, and API Testing** via **Postman**, ensuring **100% compliance** with security and accessibility standards (WCAG 2.2).
- **API Development and Bug Fixes:** Designed and implemented **RESTful APIs** to integrate multiple services, focusing on **.NET-based** backend systems. Resolved **UI and API bugs**, enhancing both system performance and user experience.

Professional Recognition

Awarded Certificate of Appreciation for **Achiever of the Month (Aug 2023 & Dec 2024), Team of the Year 2024**.

Operations Analyst Intern

FabHotels, Gurugram | Jan 2022 – June 2022

- Created Trackers using **Power Pivots, Python, and SQL** to track and identify inefficiencies in various processes, which resulted in a **30-day decrease in Average Billing Days**.
- Developed analytics trends using **Tableau** to present key business indicators for the hospitality sector, such as invoices, collections on a monthly and weekly basis streamlining the process for finance team.
- Utilized **Selenium to automate** internal FabHotels manual processes, resulting in a **15% increasing process effectiveness** and reducing man hours. Employed Python for data scraping and automation while leveraging G-Sheets as an interface.
- Contributed to the latest product development for **Corporate Travel Solution –TravelPlus**.
- **API Testing and Automation:** Developed scripts using **Google AppsScript** to automate workflows and reduce customer escalations by **20%**.

Professional Recognition

Awarded Certificate of Appreciation for “Best Intern” at FabHotels, 2022.

ACADEMIC PROJECTS

- **Python Web Scraper:** Designed a **Selenium based Python Web Automation Code** that helps in Scraping the GST Data and aiding in uploading on the respective portals (TravelPlus). **Increased process efficiency by 15%**, saving man hours and decreasing manual task dependency.
- **Drone Design:** Designed a drone model with various components of drone and fabricated it. Camera was affixed to the drone subsequently **utilizing machine learning**. Facilitated the drone in autonomously tracing, recognizing, and deciphering license plates of vehicles, subsequently extracting owner data from a linked database.

POSITIONS OF RESPONSIBILITY

- As Technical Event Coordinator - 2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021)
Supported senior leadership by developing status reports and was Responsible for contacting and coordinating the sessions of the keynote speakers and coordinated administrative logistics of the Event having over 360+ participants.
- As Printing and Stationary Head for ESUMMIT-2023 and Athletic MEET 2023-
Designed and produced print materials for **ESUMMIT-2023** and **Athletic Meet 2023**, ensuring brand consistency and timely delivery, while managing vendors and budgets.
Created functional signages and 150+ participant kits, enhancing event experience and incorporating eco-friendly printing practices.

EXTRACURRICULAR AND ACHIEVEMENTS

- Sports: Attained Bronze Medals for 200m and 110m Hurdle Race in Athletic meet 2016.
- Social Work (NSS PEC): Volunteered in organizing Blood donation Camps, 7 Day Camps, Swacchta Abhiyan.
- Academics: **Earned SILVER MEDAL** and SARVNIPUN CHAWLA MEMORIAL AWARD for **securing First and Best Major Project** in the year 2023.

EDUCATION

B. Tech Production and Industrial Engineering	2019-2023	Punjab Engineering College, Chandigarh	8.25 CGPA
CBSE Class XII	2019	Stepping Stones Sr. Secondary School, Chandigarh	80.6 %
CBSE Class X	2017	KBDVA Sr. Sec School, Chandigarh	10 CGPA

SKILLS AND HOBBIES

Languages and Tools: SQL, Python, Selenium, Cypress, TestRail, Postman, C# (.NET), HTML, CSS, PostgreSQL, Git, Bitbucket, Excel, ASP.NET Core
Testing Frameworks: Agile, Scrum, SDLC, Test Case Design, Test Planning, Product Testing, **API Testing** (Postman), **Security Testing** (OWASP ZAP)
Performance Testing (Jmeter), Testrail

Technologies: Pandas, NumPy, OpenCV, Matplotlib, AWS, Azure, Datadog, Automation Tools (Cypress, Selenium), Data Scraping

Backend Development: Familiarity with **.NET and RESTful APIs**, ability to work on backend code and troubleshoot integration issues.

Soft Skills: Quality Assurance, Team Collaboration, Leadership

Hobbies: Cricket, Listening to Music, Traveling, Exercising, Board gaming