

Samuel Muchai Kuria

Linkedin: <https://www.linkedin.com/in/samuel-muchai/>

Github: <https://github.com/Samuel-Muchai-Kuria>

Email : smuchaikuria@gmail.com

Portfolio: <https://samuel-muchai-portfolio.vercel.app/>

EDUCATION

• Indraprastha Institute of Information Technology, Delhi

Delhi, India

Bachelors in Electronic and Communication Engineering

Jan 2021 - June 2024

TECHNICAL SKILLS

- **Languages:** Python (Pandas, NumPy, Matplotlib, Flask, PyInstaller), Javascript(Beginner)
- **Tools:** MS Excel, Google Sheets, Tableau, Selenium, Microsoft Power Automate, UiPath, Vercel
- **Developer Tools:** VS Code, Git, Github
- **Relevant Skills:** Automation scripting, Web scraping, Data cleaning, Modeling, Visualization, Project understanding, Rest APIs

WORK EXPERIENCE

Heydo Tech

Software Automation Engineer

September 2024 – Present

- Built and maintained scalable **RPA solutions** using Python, Selenium, UiPath, and Power Automate.
- Led process automation initiatives that cut manual workload by 40% across multiple departments.
- Collaborated with cross-functional teams to deliver **end-to-end workflow automations** and dashboards for business stakeholders.
- Designed modular **desktop automation tools**, integrated with APIs and deployed via EXE packages.
- Built backend automation systems leveraging authenticated APIs (OAuth2) from platforms like QuickBooks and Revel to securely extract, process, and synchronize financial and operational data.

PROJECTS

COVID-19 Global Tracker Github

- Cleaned and processed 120,000+ rows to build an **interactive Tableau dashboard** visualizing global COVID-19 vaccination trends.
- Employed KPIs and cross-sheet tables to highlight key insights and regional metrics.

Job Listings Scraper Using Python and BeautifulSoup Github

- Developed a web scraping script in Python using BeautifulSoup to collect job postings from targeted websites.
- Extracted and structured data including job title, location, and summary to enable analysis and filtering.
- Leveraged web scraping techniques to automate job data collection for potential integration into dashboards or alerts.

YouTube Channel Analytics Github

- Built a Python script that integrates with the YouTube Data **API** to extract and analyze channel and video metrics.
- Identified top-performing videos and generated summaries for optimization.

Customer Sales Analysis in Tableau Github

- Transformed and joined raw CSV data into structured tables used to build a **Tableau dashboard**.
- Communicated **actionable insights** for improving customer segmentation and product sales.

ACHIEVEMENTS

- Awarded full university scholarship by ICCR (Indian Council for Cultural Relations) to study in India (2020-2024).
- Served as Executive Communications Coordinator for AASI (Association of Africans in India), representing students across 28 states.