Muhammad Salman Muqri

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CAREER OBJECTIVE

Motivated Information Technology student with strong foundations in **programming, data extraction, and backend development** seeking internship opportunities to apply technical skills in real-world systems. Interested in building scalable automation tools, web applications, and data pipelines while contributing effectively within collaborative development teams.

SKILLS

- **Languages & Frameworks:** Python, Java, C, C++, JavaScript, Flask, Node.js, React.js, HTML, CSS
- **Web Scraping & Automation:** Selenium, Playwright, BeautifulSoup, Data Extraction, Automation Scripts
- **Databases:** MySQL, Oracle, MongoDB, PostgreSQL
- **Tools:** Git, Visual Studio, X Code, MS Office
- **Soft Skills:** Communication, Strategic Planning, Problem-Solving, Team Collaboration
- **Other Skills:** Automation, Web Scraping & Data Pipeline

WORK EXPERIENCE

Software Development Intern, Hertzsoft Technologies, Mumbai   **Jun 2023- July 2023**
- Worked on Python-based automation and web development tasks for internal and client-side systems.
- Contributed to a Raspberry Pi–based Digital Signage System, implementing Python scripts for content scheduling, automated display refresh, and improved device communication.
- Optimized system behavior for low-resource embedded hardware and assisted in integrating web-based controls for managing signage.
- Collaborated with senior developers to debug backend modules, improve performance, and enhance code quality.
- Gained experience in embedded systems, Linux-based environments, and REST interface integrations.

Junior Development Intern, Black Nova, Mumbai   **Jan 2026- Present**
- Developed automated web scraping scripts to collect smartphone and electronics specifications and device metadata from multiple external sources.
- Built data processing pipelines to clean, normalize, and structure scraped datasets for integration into **Phone Revolution Hub**.
- Extracted and processed data for **1500+ devices**, generating **~332,000 lines of structured JSON data**.
- Delivered structured datasets that powered product listings and device information displayed on the platform.
- Collaborated with the engineering team to maintain data accuracy and support regular updates to the website's device database.

EDUCATION

***Bachelor of Engineering (Information Technology)**, University of Mumbai, India*   **Jun 2024- Present**
 *Relevant Coursework: **DSA, SQL**, C, C++, Java, **Python**, VB.net , Digital Logics.*

***Diploma in Computer Engineering**, A.I. Abdul Razzak Kalsekar Polytechnic, Mumbai*   **Jun 2021- May 2024**
 *Relevant Coursework: **DSA**, Computer Networks, **Python**, SQL, Node.js, React, Express.*

CERTIFICATIONS

- Oracle Data Platform 2025 Certified Foundations Associate, Oracle   **2025**
- Oracle Cloud Infrastructure 2025 Certified Foundations Associate, *Oracle*   **2025**
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate, *Oracle*   **2025**
- Software Engineering Job Simulation, *Goldman Sachs (Forage)*   **2024**
- Cybersecurity Analyst Job Simulation, *Tata (Forage)*   **2024**

PROJECTS

Library Management System *(University of Mumbai) (Github)*
- Built a fully functional library management system deployed locally on-campus and actively used by students and staff.
- Implemented core features: book inventory management (add/remove/update), issuing/returning system, student/member record management, and admin controls.
- Designed a clean and responsive frontend interface integrated with a Flask backend for smooth workflow and Improved operational efficiency by digitizing manual processes and reducing data-handling errors.

Grocery Price Comparison Platform *(University of Mumbai)*
- Led the development of the automated scraping pipeline to collect grocery product details from JioMart, DMart, and Amazon Grocery.
- Wrote robust scripts using Selenium, Playwright, and BeautifulSoup to extract structured data while handling dynamic pages and HTML variations.
- Processed, cleaned, and stored the scraped data in JSON format for downstream use by the team's frontend and comparison modules.

ACHIEVEMENTS

- **Earned an iPad through Hack Club's High Seas event by accumulating coding hours**   **2025**
- **Member of Students Council,** *Anjuman-I-Islams Abdul Razzak Kalsekar Polytechnic*   **2022 - 2024**
- **Pride Of Muhammadiya,** *Muhammadiya English High School*   **2020**