

JAWERIA

Karachi, Pakistan | +92 311 8329955 | javeriaf322@gmail.com | <https://linkedin.com/in/jaweria15> | <https://github.com/jaweria15>

SUMMARY

Motivated and detail-oriented Computer Science student with strong skills in programming, web development, and data science. Seeking an entry-level role to contribute to a dynamic team and drive organizational success

PROFESSIONAL EXPERIENCE

Internship, Profilers Solutions (SMC-Private) Limited

April 2025 – Present

Back-End Developer Intern

- Developing scalable web scrapers and automation tools for data extraction using Python, Flask, and Selenium.
- Implementing parallel processing to improve scraper efficiency and handle large-scale data.
- Working closely with the team to integrate backend scraping logic with frontend interfaces and database systems.

PROJECTS

Business Scraping (with Parallel Processing)

- Created a Flask app that reads data from a CSV, opens 5 tabs, and scrapes business info using automated batch processing.

PDF Summarizer Using NLP (NLTK)

- Automated extraction and summarization of PDF content using tokenization and NLP techniques.

Image to Pencil Sketch (OpenCV)

- Converted real images into realistic pencil sketches using Python and OpenCV filters.

Email Spam Classifier

- Built a spam detector using scikit-learn and Natural Language Processing techniques.

Bitcoin Price Prediction

- Used historical data and regression models to predict future Bitcoin prices.

Custom Login and CRUD (MVC)

- Developed secure user authentication and database operations using ASP.Net MVC and SQL Server.

Student Score Prediction

- Predicted student performance based on study hours using linear regression.

Event Management System (Java)

- Desktop application with full CRUD operations and database connectivity.

Travel Management System (C++)

- Menu-based console application for managing travel bookings and packages.

Phone Book in C++ (DSA Focused)

- Command-line app using linked lists and sorting for managing contacts.

SKILLS

Programming Languages: Python, C++, Java, C#

Web & Frontend: HTML, CSS, JavaScript, ASP.Net, JQuery

Frameworks & APIs: Flask, Selenium, Mediapipe, OpenCV

AI & Machine Learning: Machine Learning, Deep Learning (CNN, LSTM), Basic AI, Fake Image Detection, Data Analysis, ydata_profiling

Database Management: MySQL, SQL, Database Design

Concepts: OOP, MVC, Data Structures & Algorithms, Problem Solving

Tools & IDEs: VS Code, Jupyter Notebook, PyCharm, Eclipse, Git

Testing Tools and types: selenium, Jira, manual testing, automated testing, API testing, performance testing

CERTIFICATIONS

- **Debug or Die:** Certificate of Participation in Procom25
- **Kaggle:** Intermediate Machine Learning
- **Cisco Networking Academy:** Python Essential 1 & 2, Introduction to Data Science
- **Great Learning:** Machine Learning with Python
- **Simplilearn:** Neural Network 101 – Image Recognition

EDUCATION

Bachelor in Computer Science

Oct 2021 - Sep 2025

Iqra University

- Merit-based scholarship awardee