

# MUHAMMAD ABDULLAH

Python Developer

Lahore, Pakistan

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## LINKS

*[Portfolio](#), [Github](#), [LinkedIn](#)*

## PROFILE

Dynamic Python Developer with over 2 years of experience in developing, deploying, and optimizing machine learning models. Proficient in Python and experience in web automation, data analysis, and algorithm development. Proven track record of delivering robust AI solutions and leading innovative projects from concept to completion. Collaborates effectively with cross-functional teams to solve complex problems and enhance business outcomes through advanced machine-learning techniques.

## EMPLOYMENT HISTORY

❖ Python Developer, Stampa Solutions ..... Mar 2023  
Lahore, Pakistan

- **Increased model accuracy by 95%** through the development of comprehensive machine learning pipelines for supervised learning models, facilitating efficient analysis of large-scale datasets.
- Improved data extraction accuracy by **90%** and reduced processing time by **80%** by engineering sophisticated NLP models with custom algorithms for resume data extraction.
- **Optimized performance and reliability by 80%** by creating and maintaining Flask back-end servers with Celery for efficient task scheduling and Redis integration, handling both synchronous and asynchronous applications proficiently.
- **Enhanced operational efficiency by 70%** by designing advanced Selenium bots, effectively managing and automating complex interactions with JavaScript-heavy websites.
- Boosted database performance by 60% and reduced downtime by 40% by administering databases including PostgreSQL, MongoDB, and DynamoDB, leveraging various AWS services for enhanced scalability and reliability.
- Enabled faster and more accurate trading decisions, improving decision speed by 40% through the development of trading automation systems using Python and asynchronous programming.
- Ensured alignment with client needs and project goals, increasing project success rate by 20% by actively participating in client meetings for requirements gathering and collaborating with the team lead on system design and architecture.
- Developed an **automated system** that classified images with over 95% accuracy
- Created an **automated data pipeline** using step functions by AWS Services that reduced data processing time by **80%**, allowing for faster analysis and decision-making.

❖ Python Developer , Upwork ..... Sep 2022

- Delivering high-impact freelance services on weekends specializing in web scraping and automation, data science, and machine learning, ensuring client needs are met with innovative solutions.
- **Earned the Rising Talent Badge**, a testament to outstanding performance and potential on the platform based on completion of 95% of projects on time, showcasing exceptional skill and dedication.
- **Completed over 50 projects worldwide**, demonstrating expertise and reliability, and earning a reputation for delivering top-quality results to a global client base.
- **Maintained a 94% Job Success Score**, reflecting consistently high client satisfaction and the successful delivery of projects that exceed expectations.

- ❖ **Machine Learning Intern, PITB** ..... Jul 2022 — Sep 2022  
Lahore, Pakistan
  - Completed an internship focused on building machine learning models to detect hidden patterns in datasets.
  - Acquired hands-on experience in implementing supervised learning algorithms and NLP techniques.
  - Developed a deep understanding of machine learning concepts and methodologies.
  - Contributed to the advancement of the team's projects through innovative solutions and collaboration with peers.

## EDUCATION

- ❖ **University of the Punjab** ..... Oct 2019 — Jun 2023  
*Bachelors in Business & Information Technology* ..... Lahore, Pakistan
  - Equips with a strong blend of IT and business knowledge, facilitating effective integration of technology solutions with business strategies.

## CERTIFICATIONS

- ❖ **Machine Learning Specialization** ..... Jul 2021  
*DataCamp*
- ❖ **Python Programming** ..... Oct 2019  
*Coursera*
- ❖ **Excel for Business Specialization** ..... Sep 2019  
*Coursera*

## TECHNICAL EXPERTISE

|                               |                    |                    |                    |
|-------------------------------|--------------------|--------------------|--------------------|
| Data Analysis & Visualization | <i>Experienced</i> | Playwright         | <i>Experienced</i> |
| Feature Engineering           | <i>Experienced</i> | Flask              | <i>Expert</i>      |
| Hyperparameter Tuning         | <i>Experienced</i> | PostgreSQL   MySQL | <i>Expert</i>      |
| Image processing              | <i>Experienced</i> | MongoDB   DynamoDB | <i>Expert</i>      |
| Natural Language Processing   | <i>Experienced</i> | AWS Services       | <i>Experienced</i> |
| Linux / Bash Script           | <i>Experienced</i> | Docker             | <i>Experienced</i> |
| Celery / Redis                | <i>Experienced</i> | Heroku             | <i>Experienced</i> |
| BeautifulSoup                 | <i>Expert</i>      | GCP                | <i>Experienced</i> |
| Selenium                      | <i>Expert</i>      |                    |                    |