Hafiz Rahmatullah

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Professional Summary

Data Scientist and Web Developer with expertise in Machine Learning, Data Cleaning, Web Scraping, and Data Collection. Proficient in leveraging data to derive actionable insights and building robust web applications to solve real-world problems. Passionate about innovation, continuous learning, and contributing to impactful projects.

Skills

Data Science:

- Data analysis, visualization, and predictive modeling.
- Proficiency in Python and relevant libraries like Pandas, NumPy, and Matplotlib.

Machine Learning:

- Expertise in supervised and unsupervised learning models.
- Model training, evaluation, and deployment.

Web Development:

- Full-stack web development using HTML, CSS, JavaScript, and frameworks like Django and PHP.

Data Cleaning & Collection:

- Data preprocessing, handling inconsistencies, and ensuring accuracy.
- Automated data scraping using tools like BeautifulSoup and Scrapy.

Tools & Technologies:

- Jupyter Notebook, VS Code, TensorFlow, Scikit-learn, SQL, APIs.

Education

Bachelor's in Computer Engineering
[Comset's University Islamabad Abbottabad Campus], [Abbottabad, Pakistan]
[09/2021] – [07/2025]

Experience

Data Scientist | [firnas.tech]
[Abbottabad, Pakistan] | [09/2024] - Present

- Designed and implemented predictive models to support strategic decision-making.
- Automated data cleaning and transformation processes, reducing manual effort by 40%.
- Conducted exploratory data analysis and visualization to identify key trends.

Web Developer | [firnas.tech]
[Abbottabad, Pakistan] | [05/2023] –[08/2024]

- Developed dynamic, responsive web applications using modern frameworks.
- Integrated RESTful APIs to enhance application functionality.
- Optimized web performance, improving page load times by 30%.

Data Analyst Intern | [firnas.tech]
[Abbottabad, Pakistan] | [01/2025] - Present

- Conducted in-depth data analysis and generated comprehensive reports.
- Assisted in creating machine learning models for data predictions.

Projects

E-Commerce Website

- Designed and developed a responsive e-commerce platform with features like user authentication, product listings, and payment integration.

Gender Classification

- Implemented a machine learning model to classify gender based on facial features with high accuracy.

Tumor Classification and Segmentation

- Built a deep learning model to classify and segment tumor regions in medical images, aiding in diagnosis.

Object Detection

- Developed a real-time object detection system using YOLO and OpenCV, achieving reliable performance.

Emotion Detection

- Created an emotion detection system using facial recognition and deep learning, capable of identifying emotions in real-time.

Languages

- English
- Urdu

Interests

- Exploring advancements in AI and technology.
- Participating in hackathons and coding challenges.
- Learning new programming languages and frameworks.