Muhammad Attayab Ashraf

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▼ Objective

As a dedicated and proactive software engineer currently in the 6th semester at the University of Management and Technology, I am seeking an opportunity to apply my skills and knowledge in a dynamic work environment. With a solid foundation in various programming languages and technical subjects, I am eager to contribute to innovative projects and grow my professional expertise.

▼ Experience

June 2023 – August 2023
Web Development Intern • XYZ Solutions, Lahore
- Assisted in developing and maintaining web applications using PHP, JavaScript, and HTML.
- Collaborated with senior developers to optimize SQL queries for database management.
- Contributed to front-end development with Bootstrap and responsive design techniques.

January 2024 – Present
Freelance Developer • Upwork
- Developed custom web applications for clients using HTML, CSS, JavaScript, and PHP.
- Provided maintenance and updates for existing websites, ensuring optimal performance and security.
- Communicated with clients to gather requirements and deliver projects on time.

▼ Education

University of Management and Technology, Lahore, Punjab
- Currently doing B.Sc. Software Engineering and expected Graduation in 2025.

Punjab Group of Colleges, Lahore, Punjab
- Intermediate completed in 2021.

The Trust School, Lahore, Punjab
- Matriculation completed in 2018.

▼ Technical Skills

- **Programming Languages:** C++, SQL, PHP, JavaScript, HTML, Java, Python, C#
- **Technologies:** Model Training, NLP, Data Science Technologies, Data Mining, Programming Fundamentals, Object Oriented Programming, Data Structures And Algorithms e.t.c.
- **Tools:** Git, XAMPP, Visual Studio Code, PyCharm, JupyterNotebook, Weka, MySQL, NetBeans, Cisco Packet Tracer, Dev C++,

▼ Projects

Medical Zone Website

- **Description:** Developed a comprehensive medical website connected to a XAMPP server using PHP for backend operations. The website includes multiple pages like index, about us, contact us, and various medical services.
- **Technologies Used:** HTML, CSS, PHP, JavaScript, Bootstrap, MySQL
- GitHub Repository Link: https://github.com/Attayab-31/Medical_zone-website

Pakistan Election Prediction 2024

- **Description:** Developed a Python project to predict the 2024 elections in Pakistan using datasets from the 1997, 2002, 2007, and 2013 elections. Implemented statistical models, counting-based methods, xg boost, and Bayesian optimization. Integrated data from Twitter feeds, Gallup surveys, and Dunya News surveys to enhance prediction accuracy.
- **Technologies Used:** Python, Pandas, NumPy, xgboost, Bayesian optimization, statistical modeling, data preprocessing, data analysis.
- GitHub Repository Link: https://github.com/Attayab-31/pythonProject

Patient Record Management System

- **Description:** Developed a Patient Record Management System using Java Swing and MySQL, which allows users to search and delete patient records based on phone numbers. Implemented CRUD operations and included validation checks for user inputs to ensure data integrity and prevent errors.
- **Technologies Used:** (Swing for GUI), MySQL (Database), JDBC (Database Connectivity), NetBeans (IDE)
- GitHub Repository Link: https://github.com/Attayab-31/practicedatabase

Student Management System

- **Description:** Created a web-based application to manage student records, including enrollment, attendance, and grades. Implemented user authentication and role-based access control.
- **Technologies Used:** Java, SQL, HTML, CSS

▼ Leadership

Team Leader, UMT Programming Club Projects

University of Management and Technology

January 2024 – Present

- Led a small team of 2-3 members in developing software projects for club activities.
- Coordinated task assignments and ensured effective communication within the team.
- Mentored team members in improving their coding skills and understanding of project requirements.

Project Leader, Freelance Development Projects

Upwork

January 2023 – Present

- Managed small teams of 2-3 developers in delivering client projects on time.
- Oversaw project planning, task distribution, and quality assurance.
- Facilitated regular team meetings to track progress and address any challenges.

▼ Certifications

- **Full Stack Web Development** - Coursera, 2023
- **Python for Data Science and AI** - IBM, 2024

▼ References

[Available upon request.]