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**M. Arham Athar**

**CAREER VISION**

*To develop innovative AI/ML solutions that solve real-world problems while building expertise in machine learning, deep learning, and data science over the next five years*

**EDUCATIONAL QUALIFICATIONS**

**Bachelor’s** **in Information Engineering Technology 2022-2026**

University of Lahore, Punjab, Pakistan

**Intermediate in FSc Pre-Engineering 2020-2022**

Government College Township, Lahore, Punjab, Pakistan

**TECHNICAL SKILLS**

* **Machine Learning Algorithms:** Linear Regression, Logistic Regression, Support Vector Machines (SVM)
* **Neural Network Concepts:** Perceptron, Gradient Descent, Cost Function
* **Mathematical Foundations:** Linear Algebra, Statistics, Calculus
* **AI Tools:** Python, NumPy, Pandas (Basic)
* **Database:** SQL
* **Frontend Development:** React JS, HTML, CSS, JavaScript
* **Backend Development:** Django Rest Framework
* **Mobile Development:** Flutter
* **Tools and Platforms:** GitHub, AWS

**PROJECTS**

**AI/ML Academic Projects**

* **Linear Regression Implementation:** Built a basic linear regression model from scratch to understand fundamental concepts.
* **Classification Project:** Implemented logistic regression for basic classification tasks.
* **Perceptron Model:** Developed a simple perceptron model to understand neural network basics.

**Flutter app projects**

* **To-Do List app:** Developed a feature-rich task management app using state management and CRUD operations.
* **E-Commerce app:** Built a user-friendly shopping platform with product browsing and payment gateway integration.
* **Portfolio app:** Showcased personal resume and skills using flutter.

**React responsive website Projects**

* **Responsive Portfolio:** Showcased personal projects using React.
* **Tic-Tac\_Toe:** Developed a fun, interactive game using React state management.
* **SignIn/SignUp full stack website:** Implemented user authentication and backend integration.
* **Guess number:** Developed a fun guessing game where users predict a random number, with hints provided for higher or lower values.
* **Calculator:** Built a functional calculator with a user-friendly interface to perform basic arithmetic operations.

**AWARDS AND CERTIFICATIONS**

* **Google Codelabs:** Completed hands-on training in Flutter development.
* **freeCodeCamp:** Earned certificates in web development fundamentals.

**SOFT SKILLS**

* Analytical Thinking
* Problem Solving
* Team Collaboration
* Research Abilities
* Data-Driven Decision Making
* Quick Learning

**LANGUAGES**

* English
* Urdu

**HOBBIES**

Technology Research | Designing | Photography

**REFERENCES**

References available upon request