AIZAZ AHMAD

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EDUCATION

• **Abdul Wali Khan University** *Sep 2016 - Nov 2020*
Bachelor of Computer Science (Honours) Mardan, Pakistan
◦ GPA: 3.56/4.00

• **Dr.Imran Khan Education System** *Mar 2014 - Aug 2016*
ICS (Intermediate in Computer Science) Nowshera, Pakistan
◦ Percentage: 60

• **Al-Rashid Model School** *Feb 2012 - June 2014*
Matric (Science) Amangarh, Pakistan
◦ Percentage: 70

EXPERIENCE

• **Fiverr** *Jan 2023 - Present*
Software Development Freelancing
◦ Created advanced websites using Next.js for the frontend and Node.js for the backend.
◦ Successfully deployed multiple NFTs on the Solana blockchain.
◦ Currently specializing in AI and prompt engineering to advance cutting-edge research and applications in Retrieval-Augmented Generation (RAG).

• **Rehmat Medical Center** *Jan 2021 - June 2022*
Information Technology Assistant Nowshera, Pakistan
◦ Delivered comprehensive support to staff for resolving complex hardware and software issues.
◦ Managed and optimized network infrastructure to ensure reliable connectivity and performance.
◦ Implemented and maintained security protocols to safeguard sensitive medical data.
◦ Coordinated and executed system upgrades and patches to enhance functionality and security.
◦ Maintained detailed records of IT assets, support requests, and network configurations.

• **Feroz Sons Laboratories Limited** *Mar 2019 - Aug 2019*
IT Assistant Internship Nowshera, Pakistan
◦ Assisted in troubleshooting and resolving basic hardware and software issues under supervision
◦ Supported the installation and configuration of software and hardware components.
◦ Assisted with routine network administration tasks and monitored network performance.
◦ Contributed to regular data backup procedures to ensure data integrity and availability.
◦ Worked on team projects to streamline IT processes and support operational efficiency.

• **BlockVentors** *May 2021 - Sep 2021*
Blockchain Developer Internship Remote
◦ Gained hands-on experience with cutting-edge technologies including Web3Js, Solidity, and Ethereum
◦ Contributed to projects using ReactJS to build and enhance web applications.
◦ Applied cryptographic techniques to ensure the security and integrity of blockchain transactions.
◦ Deepened understanding of blockchain technology and its transformative potential through practical experience.

RESEARCH AND PROJECTS

- **Cattle Management System**

  Web Based System

  ◦ During my bachelors at covid19 we developed a comprehensive web-based platform to facilitate the online buying and selling of cattle. The system features user-friendly interfaces for both buyers and sellers, secure transaction handling, and real-time inventory management.

- **Developed Big Data ETL Pipeline**

  ETL Pipeline Using HDFS, HIVE, SQOOP AND PIG

  ◦ I was selected for a prestigious Big Data Analytics training program sponsored by the Government of Khyber Pakhtunkhwa. During this intensive course, I gained hands-on experience with advanced data analysis techniques and technologies. As a key project, I developed an ETL (Extract, Transform, Load) pipeline for processing Twitter data, which allowed me to apply theoretical knowledge to real-world data scenarios. This experience enhanced my skills in big data technologies, data integration, and analytics, and provided me with a solid foundation in handling and analyzing large datasets.

- **Irrigation System**

  Wifi Based Irrigation System using Soil Moisture and Light Intensity Sensor

  ◦ n this final year project of our BS(Computer Science), we designed and developed an irrigation system using Wi-Fi technology. Sensors we used to read data. The controlling device for automation in this project is an Arduino UNO. The data sent from sensors are read by Arduino UNO. The Wi-Fi module connected to Arduino UNO sends the data to the cloud database and displayed on an android phone or website. Sensors used in this project are Soil Moister sensor, Light Intensity Sensor, NodeMCU, Arduino UNO

AREA OF INTEREST

  ◦ Artificial Intelligence

  ◦ Big Data

  ◦ Software Development

  ◦ Blockchain

TEACHING EXPERIENCE

- **Abdul Wali Khan University: [Teaching Programming]** *2019*

  Tools: [c,c++, visual studio code, sublime text editor]

  ◦ Used c, c++ to learn how to program

  ◦ Implemented and solve and different problems

  ◦ Use DS Malik (C++ Programming: From Problem Analysis to Program Design) Book

- **Tuition at Home: [Experience of tuition at home mainly focused on computer science subjects.]** *2022*

HONORS AND AWARDS

- **Laptop** *2018*

  Prime Minister of Pakistan

  ◦ Received a laptop from the Prime Minister of Pakistan in recognition of exceptional academic performance during my bachelor's degree

- **Certificate of Appreciation (BasketBall)** *2018*

  Abdul Wali Khan University Mardan, Pakistan

  ◦ Received a Certificate of Appreciation from the Sports Department as the runner-up team and for outstanding individual performance in basketball.

- **Position Holder** *2017*
  Abdul Wali Khan University Mardan, Pakistan
  - Received a trophy and appreciation from the Head of the Department of Computer Science for graduating as the 2nd position holder in the class.

LEADERSHIP EXPERIENCE

- **Organizing and Managing Univertsity Tours** *2017 and 2018*
  Abdul Wali Khan University Mardan, Pakistan
  - Organized and led a university tour in 2017 and 2018, handling logistics, communication, and scheduling
  - Supervised a team of volunteers to ensure the smooth execution of the tour, including route planning and participant management
  - Facilitated the university's outreach efforts by showcasing campus facilities and programs to prospective students and stakeholders

- **Oraganizing and Arranging Party** *Month Year - Month Year*
  Abdul Wali Khan University Mardan, Pakistan
  - Coordinated welcome and farewell parties for juniors and seniors, overseeing event planning, execution, and guest management
  - Supervised a team of volunteers to ensure smooth execution of tours and events, including route planning, registrations, and addressing on-the-day issues

CERTIFICATIONS

- **Full Stack DevOps and System Design** *Current*
- **Artificial Intelligence** *Current*
- **Blockchain Specialization** *2021*
- **AI for Everyone:** *2020*
- **Crash course on Python:** *2020*
- **What is Data Science:** *2020*
- **Big Data Analytics - Cloudera Certified Associate:** *2019*

ADDITIONAL INFORMATION

Languages: Urdu (C1), Pashto (C1), English (B1)
Interests: Chinese, Arabic

REFERENCES

1. **Mr. Abdu Salam**
   Assitant Professor, Department of Computer Science Abdul Wali Khan University Mardan, Pakistan
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