

# MUHAMMAD HASSAN ALI

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## Summary

A versatile technologist and Certified Software Engineer with a unique trifecta of experience in AI, financial trading, and IT systems. Adept at dissecting complex systems, whether debugging code, strategizing in financial markets, or engineering AI prompts. This innate drive to find patterns and optimize outcomes is now being formally applied to Data Analysis through the Google Data Analyst certification. I am seeking a challenging role in a forward-thinking organization where I can merge my passions for technology and strategy to deliver innovative data solutions and grow into a world-class analyst.

## Skills

- Technical support and troubleshooting
- Hardware diagnostics and upgrades
- Software installation and diagnosis
- SQL database management
- Data visualization tools
- Team collaboration and communication
- Critical thinking and attention to detail
- Project coordination
- Documentation maintenance
- Problem solving
- Time management
- Python programming
- Data cleaning
- Excel functions
- Market research
- PHP programming
- Data analysis
- Prompt Engineering
- Artificial Intelligence

## Certifications

2021-12: Software Engineering from Aptech Learning  
2025-08: Introduction to Prompt Engineering by Simplilearn  
2025-08: Advanced Prompt Engineering by Simplilearn  
2025-08: Introduction to Data Analytics by Simplilearn

## Experience

**Archive Officer** | GTV NEWS HD | 06/2022 - Current

- Collected, preserved and analyzed evidence found at crime scenes.
- Addressed public questions, complaints and requests and provided necessary assistance.
- Prepared and submitted detailed reports regarding assignments and ongoing investigations.
- Collected, arranged, and input information into database system.

**IT Assistant** | GTV NEWS HD | 01/2019 - 11/2021

- Responded to queries on phone, via email or through IT ticketing system.
- Reviewed system and network performance to make proactive adjustments based on newly established IT policies.
- Maintained current software licenses and patched applications to stay up-to-date with latest features.
- Installed and configured software and hardware.
- Maintained servers and systems to keep networks fully operational during peak periods.
- Configured hardware, devices, and software to set up work stations for employees.
- Installed, configured and maintained computer systems and network connections.

**Junior PHP Developer** | Fusion Tech | 02/2017 - 11/2018

- Developed back-end components to connect applications with web services.
- Wrote server-side and client-side code for ecommerce and other professional projects using PHP, HTML, CSS and JavaScript.
- Planned, coded and deployed web-based applications using PHP, MySQL and JavaScript.

## Education

Karachi University | Karachi

**BCOM: Bachelor's Of Commerce**

Shipowner's Govt. College | Karachi

**Associate of Pre-Engineering: Science**

Prime Public School | Karachi

**Matriculation: Science**