

Aiman Naeem

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Professional Summary

I am a motivated and research-oriented Computer Science graduate with hands-on experience in data analytics, AI, and automation. Possesses over six years of combined experience in academia, software engineering, and applied research. Strong interest in data-driven decision systems, machine learning for healthcare, and automation in education technologies. Currently focusing on expanding research and technical expertise through academic collaboration and professional development opportunities.

Core Skills

- **Strategy & Operations:** Cross-functional project management, workflow optimization, stakeholder engagement
 - **Data Analytics & BI:** Power BI, Tableau, Excel, SQL, ETL pipelines, Data Visualization
 - **Leadership & Training:** Academic lecturing, curriculum design, mentorship, team coordination
 - **Technical Skills:** Python, R, Java, C++, PHP/Laravel, Android Development, AI/ML Modeling
 - **Communication:** Policy drafting, technical documentation, presentations, research writing
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Professional Experience

Data Analyst Intern

Ministry of Planning, Development & Special Initiatives – Islamabad

Feb 2025 – Jul 2025

- Supported digital transformation of the Prime Minister Youth Internship Portal (PMYIP).
- Developed Power BI dashboards, SQL queries, and strategic reports for ministry decision-making.
- Conducted trend analysis on national internship applications to inform placement strategies.
- Coordinated with cross-functional teams to optimize workflows and reporting mechanisms.

Visiting Lecturer

Fatima Jinnah Women University – Rawalpindi

Feb 2025 – Jul 2025

- Delivered lectures on Advanced Database Management Systems to undergraduate BSCS students.
- Designed course materials, assignments, and assessments aligned with industry standards.

Data Solutions Engineer

Apex IT Solutions Pvt Ltd – Islamabad

Jan 2023 – Jan 2025

- Designed and deployed custom ETL pipelines and automated reporting solutions for SME and government clients.
- Built interactive dashboards in Power BI and SQL to support client decision-making.
- Authored technical documentation and contributed to research on process automation and workflow efficiency.

Cybersecurity & Automation Engineer

NovTek UK – Wolverhampton, UK

Feb 2021 – Jan 2023

- Developed an AI-based proctoring system using image recognition for EdTech clients.
- Integrated behavioral analytics into CRM platforms and conducted OSINT-based risk assessments.
- Enhanced data security protocols by integrating anomaly detection and third-party APIs.

Visiting Lecturer

Islamabad Model College for Girls (IMCG) F-6/2, Islamabad

2022 – 2023

- Delivered courses in Python, Java, and C++ with emphasis on project-based learning.
- Mentored students in debugging, software testing, and application development.

Junior Data Support Officer

Serve Foundation Pakistan – Islamabad

Jan 2018 – Jan 2021

- Managed NGO program data performed data cleaning and reporting, and tracked key program metrics.
 - Designed Excel/Google Sheets dashboards for monitoring operations.
 - Supported remote coordination with field teams through digital platforms.
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Other Roles

- **Android Developer Intern – AKSA Solutions, Islamabad (2019):** Built and published 5 Android apps on Google Play Store with focus on UI/UX improvements.
 - **Graphic Design Intern – PTC Sports (2017):** Hands-on experience with Adobe Photoshop & Premiere Pro for creative content and sports media.
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Education

- **MPhil / Master of Science in Computer Science** – Bahria University, Islamabad (2024) | GPA: 3.29/4.00
 - **Bachelor of Science in Computer Science** – International Islamic University, Islamabad (2020) | GPA: 2.89/4.00
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Research & Publications (Selected)

- **Conference Paper (ICCIS 2024):** “Towards BetterAI: An Analysis of Clustering Algorithms in Machine Learning.”
 - **Conference Papers (ICECT):**
 - “Detecting Mirai Botnet Attacks on Wireless Routers Using Open-Source SIEM Solutions”
 - “A Stacked Ensemble Framework for Predicting Student Engagement and Performance in Virtual Learning Environments”
 - “Feature Dimensionality Reduction: A Comparison Between Genetic Algorithms and PCA”
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Certifications

- **AI in Healthcare** – Great Learning
 - **Data Analytics Using Excel** – Great Learning
 - **Data Visualization with Power BI** – Great Learning
 - **Power BI: Data Security, Governance & Workspace Management** – Whizlabs
 - **Prepare Data for Exploration** – Google
 - **The Fundamentals of Digital Marketing** – Google Digital Garage
 - **Digital Skills: Social Media** – Accenture (Future Learn)
 - **How to Create Great Online Content** – University of Leeds & Institute of Coding
 - **How to Write a Research Paper** – University of Faisalabad
- (Additional certifications in Digital Forensics, Forensic Science, App Development, and Microsoft PowerPoint available upon request)*