OBJECTIVE:

To work within an organization in the field of Blockchain Technology, where I can get opportunities for learning and career advancement.

PERSONAL INFORMATION:

Name:	Dr. Kashif Mehboob Khan (**HEC Approved Ph.D. Supervisor**)
Father Name:	Muhammad Mehboob Khan
Designation:	Assistant Professor

EDUCATIONAL QUALIFICATION:

2019   **Ph.D. in Blockchain Security.**
                    NED University of Engg. & Technology

2006 - 2009   **Master in CS & I.T**
                    NED University of Engg. & Technology

2002 - 2005   **BS in Computer Engineering**
                    Sir Syed University of Engineering & Technology, Karachi (1st Div)

PROFESSIONAL TEACHING EXPERIENCE:

1) **IQ Concepts (Registered with PASS (Pakistan Advance Software Services)**
   Six years' experience of teaching Computer Engineering subjects. 2002 -- 2005

2) **Sir Syed University of Engineering & Technology**
   As a T.A from September 2005 to December 2005.
   As a **Lecturer** since January 2010 to June 2010

3) **N.E.D University**:
   Currently working in N.E.D University since July 2010 as an Assistant Professor.

PROFESSIONAL INDUSTRY EXPERIENCE:

1)   **Employer**: Clipsal Pakistan, **Duration**: August 2004 to May 2004 **Desig.** Trainee N/W Engg
2)   **Employer**: NDC Tech BPO, **Duration**: 12th March 2006 to 4th August 2006 **Desig.** Developer
3)   **Employer**: TCS (Pvt.) Ltd. **Duration**: August 2006 to December 2010 **Desig.** System Analyst

PROFESSIONAL TRAINING/EDUCATION:

1. Microsoft certificate of Excellence 2009
2. Microsoft Certified Technology Specialist on Windows Sharepoint Services 3.0 Visual C#, Certification ID: 7215338 (2009)
3. International certification on "Essential Features of .NET Framework 4.0"
4. Training on Windows Phone 7 Development by Microsoft HEC.
5. AWS Fundamental & Security certifications

ACHIEVEMENTS AND AWARDS:

1. Award of for **designing and development** of an e-Invoicing application. (2010)
2. Awarded for **Best Poster** in 1st International Conference on Innovations in Computer Science & Software Engineering, NED University of Engineering & Technology, Karachi.
3. Presented **Poster** on Blockchain Based Secure e-Voting, Research Showcase Event, School of Computing and Engineering, **University of West London, UK** (Wednesday 18th January, 2017)
4. Award for **Publication** of high quality research papers by NED University worth **Rs. 500000/**
5. Received **Best Researcher Award** by NED University in 2021 with a financial Reward of **Rs. 100000/-**
6. Selected for Pitched Idea in **International ONTO CHAIN Summit 2022**, representing NED university, Pakistan at Berlin, Germany.
7. Featured among "**World's top scientists 2022 by AD Scientific Index**" (Alper-Doger Scientific Index).

LATEST RELATED RESEARCH JOURNAL PUBLICATIONS:

Total JCR Impact Factor: 20.193 since 2020

1. **Kashif Mehboob Khan**, Junaid Arshad, M. Mubashir Khan **(2018)**, "Secure Digital Voting System Based on Blockchain Technology", International Journal of Electronic Government Research Volume 14 , Issue 1 , January-March 2018 **(ISI Indexed)**
2. **Kashif Mehboob Khan**, Junaid Arshad, M. Mubashir Khan **(2020)**, "Investigating Performance Constraints for Blockchain Based Secure e-Voting System" , Future Generation Computer System **(JCR Q1, Impact Factor 6.125)**
3. **Kashif Mehboob Khan**, Junaid Arshad, M. Mubashir Khan **(2020)**, "A Simulation and Analysis of Transaction Malleability Attack in Blockchain", Computers and Electrical Engineering **(JCR Q1, Impact Factor 2.663)**
4. **Kashif Mehboob Khan**, Junaid Arshad, M. Mubashir Khan **(2021)**, "Empirical Analysis of Transaction Malleability within Blockchain-based e-Voting" , Computers & Security **(JCRQ1, Impact Factor 4.438)**
5. **Kashif Mehboob Khan**, Junaid Arshad, M. Mubashir Khan **(2022)**, "Blockchain-enabled real-time SLA monitoring for cloud-hosted services" , Cluster Computing **(JCR, Impact Factor 2)**
6. **Kashif Mehboob Khan**, Junaid Arshad, M. Mubashir Khan **(2021)**, "A blockchain-based decentralized machine learning framework for collaborative intrusion detection within UAVs" , Computer Networks **(JCRQ1, Impact Factor 4.474)**
7. Mehjabeen, **Kashif Mehboob Khan**, Shafaque Khan, "Effects of ciprofloxacin or co-amoxicillin with and without antidepressants on behavioral deficit in rats induced with chronic suppurative otitis media—Blockchain Data Modelling", PJPS 34 (5), 1945—1949 **(JCR, Impact Factor 0.684)**
8. **Kashif Mehboob Khan**, Ansha Zahid, "Empirical analysis of vulnerabilities in Blockchain based Smart Contracts", SSURJ**,** Vol. 12 No. 1 (2022). **HEC Recognized**
9. **Kashif Mehboob Khan**, Rana Muhammad Ibrahim, Muhammad Abdullah Hayat ,"Investigating the Impact of Consensus Algorithm on Scalability in Blockchain Systems", SSURJ. **HEC Recognized** (Accepted for Publication--**2022**)
10. **Kashif Mehboob Khan**, Shafaque Khan ," Investigating the Impact of Delayed Mining upon Scaling Blockchain Applications under Malleability Attack—An e-Voting Scenario", Pakistan Journal of Engineering & Technology. **HEC Recognized**
11. **Kashif Mehboob Khan**, Rida Taufique, Maryah Abdul Rauf " Investigating the Price Oracle Problem", Mehran University Research Journal of Engineering and Technology. **HEC Recognized** (Accepted for Publication--**2022**)

12. Shafaque Mehboob, Naveed Ahmed, **Kashif Mehboob Khan**, Kiran Rafiq, SM Tariq Rafi " Accuracy of Fine Needle Aspiration Cytology as primitive diagnostic tool in local population of Pakistan", Pak-Euro Journal of Medical and Life Sciences. **HEC Recognized** (Accepted for Publication--**2022**)

BOOK CHAPTERS

- **Khan, Kashif Mehboob,** et al. "An Empirical Investigation of Blockchain Scalability." Trust Models for Next-Generation Blockchain Ecosystems. Springer, Cham, 2021. 105-133.
- **Khan, Kashif Mehboob,** et al. "Secure digital voting system based on blockchain technology." International Journal of Electronic Government Research (IJEGR) 14.1 (2018): 53-62.

FUNDING RECEIVED/ACTIVITIES RELATED TO PROPOSED PROJECT

- Blockchain based project proposal approved worth a funding amount of up to €123k (**PKR 22,058,686/-**) against an open call (**under the European Union's Horizon 2020 Research and Innovation Program**) on blockchain research. Acceptance rate was approximately 13.13%.
- International Research Collaboration on Blockchain with Daniel Kraft, **chief scientist at Namecoin**. (2015/16)
- Invited as a **guest speaker** to talk on blockchain in an **International Conference at Indus University** from Zaaviyah Solutions Pvt Ltd. (2017)
- Scientific research work collaboration for results and analysis on blockchain security experiments **with leading blockchain platform officials for Multichain** and get research outcomes acknowledged by them. (2018 and 2019)
- Technical collaboration on Blockchain development with Apptron Technologies Pvt. Ltd. **as a lead external consultant**. (2021)
- Conducted seminar on Blockchain technologies at SSUET with **industry professionals**. (2021)
- Teaching Distributed Ledger Technologies to **MS and Ph.D. students**

JOURNAL REVIEWER

- IEEE Access (JCR Impact Factor 4.640)
- Transactions on Emerging Telecommunications Technologies (JCR Impact Factor 1.594)

Ph.D./M.S. RESEARCH SUPERVISION

- Ph.D. Research Co-Supervisor in the area of Blockchain Scalability
- M.S. Research Supervisor in the area of Blockchain Consensus Algorithm

INTERNATIONAL MEMBERSHIP

- Membership Name: Member of **Blockchain Community, IEEE**/ Membership No. 95502101
- Membership Name: Pakistan Engineering Council / Membership No. COMP / 8986