



Name: Khawar Nehal

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Professional Summary:

Experienced and accomplished Chief Technology Officer (CTO) with a strong background in Information Technology, Cybersecurity, and Project Management. Skilled in developing innovative solutions, managing complex projects, and delivering exceptional training. Published author and lecturer with expertise in various IT domains. Adept at building strong client relationships and driving business growth. Fluent in English and Urdu, with basic knowledge of French, Indonesian, and Malay. Currently based in Karachi, Pakistan.

Work Experience

Freelancer, July 2016 to Present, Karachi, Pakistan.

Lecturer, Jan 2020 – Dec 2020. University of Karachi.

- Taught Computer Architecture.

Trainer, April 2017 – July 2017. Multinet, Karachi.

- Conducted VoIP and Asterisk course training.

Trainer, Dec 2015 – June 2016. Zabeel Institute, Dubai, Sharjah, and Ras Al Khaimah.

- Provided corporate training for PMP PMI Project Management preparation and CCNA.

Trainer, November 2014 – June 2016, Broadpeak Consulting, Dubai.

- Conducted corporate training for Key Performance Indicators and Project Management.

Trainer, Oct 2013 to June 2016, Intech, Dubai.

- Delivered energy and soft skills corporate training.

Adjunct Lecturer, September 2013 – June 2014. Murdoch University, Dubai

Academic City.

- Taught subjects: Operating Systems, Programming, Data Structures, Enterprise Architecture.

Trainer, November 2012 – June 2016, Quality Role, Dubai.

- Conducted soft skills and project management training.

Trainer, June 2012 – June 2016, Al Kamel Associates, Dubai.

Business Owner Dubai-computer-services.com, Jan 2012 – June 2016.

- A subsidiary of Applied Technology Research Center.

Business Owner CyberCoffee, July 2010 – March 2015.

- A subsidiary of Applied Technology Research Center.

Adjunct Faculty, Oct 2012 – Jan 2013, SZABIST, Dubai Academic City.

- Taught Computer Network Security and Ecommerce Marketing.

Linux Administrator, Nov 2007 to Nov 2009, Habi Consultancy, Dubai.

General Manager, Technical, June 2001 - Dec 2001, Instanet, Karachi Pakistan.

- Designed and implemented Billing, TDMA, IP Satellite, VoIP, SS7, GSM, Wireless, and ISP networks for a new country code.

Senior Program Coordinator, Assistant Registrar, Deputy Registrar, Acting Registrar, Registrar, December 2001 to Oct 2007, PIMSAT (pimsat.edu.pk), Karachi, Pakistan.

- Developed, implemented, and maintained the Digital Library facilities funded by HEC.
- Responsible for the improvement of faculty and curriculum.
- Prepared grant and funding proposals for various funding agencies, including EU, PTCL, British Council, HEC, and others.
- Designed, developed, and managed the integration of legacy and new systems.
- Managed CISCO Network Academy.
- Oversaw programs related to Board of Studies and the Academic Council.
- Implemented new management techniques for the selection of Faculty members.
- Managed IT systems and designed and implemented new systems for Accounting, Testing, Coordination, and Attendance.
- Developed research grant proposals.
- Setup and maintained the Cisco Network Academy and served as a Master Trainer.

IT Manager, Jul 1998 to Jan 1999, CubeXS Internet Services, Karachi, Pakistan.

- Troubleshoot ISP services and conducted reliability testing.
- Reported to the CEO and GM on possible enhancements.
- Developed system designs required to launch new services.

Consultant, Jan 1997 - June 1998, ATRC.

- Provided network enhancement solutions to ISPs in Pakistan.
- Provided system integration for a Government Office.

Development Manager, July 1995 – Dec 1996, Acsys Limited, Karachi.

- Designed and developed a complete ISP Cyberaccess (Pvt) Ltd for the parent company Acsys Ltd, the first indigenously created ISP in Pakistan based on Linux.

Corporate Instructor, Jan 1995 - Jun 1995. The Education Center, Karachi, Pakistan.

- Conducted corporate training for Novell Networks, SCO, and AT&T Unix Administration and Networking.

Teaching & Research Assistant, Jan 1994 – Dec 1994. FAST ICS, nu.edu.pk, Karachi, Pakistan.

- Managed student projects, assignments, and examinations.
- Prepared course outlines for elective courses.
- Prepared guidelines for paper submission for the South Asian Regional Computer Conference.
- Designed and implemented Graphics Labs from scratch.

Certifications, Publications, and Degrees:

Published Papers:

1. "Linux Platforms as a Secure Desktop Solution" - International Journal of Computer Applications Link: [Read Paper](#)
2. "The Evolution of the e-Learning Process and its Future" - Al Dar Research Journal For Sustainability Link: [Read Paper](#)

Degrees:

1. Masters in Computer Science from National University of Computer and Emerging Sciences (NUCES) Link: [View Degree](#)
2. Bachelors in Computer Science from Karachi University Link: [View Degree](#)

Documents and Certificates Available at:

http://atrc.net.pk/resources/khawar_documents/