

NAVEED AHMAD

Lecturer in Computer Science | AI & Cybersecurity Researcher | Tech Consultant

PROFESSIONAL SUMMARY

An enterprise-level Computer Science educator, researcher, and systems engineer with over two decades of multi-sector exposure across academic lecture theaters, international technical consultancy, and corporate IT operations. Specializes in Deep Learning architectures for high-consequence classification frameworks, secure enterprise infrastructure development, and corporate-scale computational training.

ACADEMIC & INSTRUCTIONAL EXPERIENCE

- **Visiting Lecturer (Computer Science)** | Bahauddin Zakariya University (BZU), Multan (Jan 2026 – Present)
- **Lecturer (Computer Science)** | City College of Science & Commerce, Multan (2022 – Present)
- **Visiting Lecturer** | NCBA&E, Multan Campus (2021 – 2022)
- **Senior Lecturer** | Chakri Cadet College, Rawalpindi (2010)
- **Visiting Lecturer** | Allama Iqbal Open University (AIOU) & Central Degree College, Multan (2007 – 2009)
- **Computer Instructor & Network Administrator** | Fauji Foundation Technical Training Center, Lahore (1999 – 2004)

EDUCATION & INTERNATIONAL SPECIALIZATIONS

- **MS in Computer Science (MSCS)** | National College of Business Administration & Economics (NCBA&E)
Thesis/Focus Area: Deep Learning for Malware Classification: Detection Strategies.
- **Master of Computer Science (MCS)** | Minhaj University, Lahore
- **International Clinical Research Attachment** | Autism Learning Lab, Universiti Kebangsaan Malaysia (UKM)
Conducted technical and behavioral clinical field studies monitoring technology-assisted social interactions for autistic children.

SCHOLARLY IMPACT & SELECTED R&D OUTPUTS

- **R&D Supervision:** Successfully directed over **60+ Final Year Projects (FYP)** spanning industrial-grade Web & Mobile Application Systems across BSCS and BSIT degree footprints.
- **Cybersecurity & Malware Defense:** Authored hybrid deep learning classification paradigms for advanced malware detection strategies and algorithmic platform optimizations (*Remittances Review*).
- **Biomedical Deep Learning & Assistive Tech:** Prolifically engineered CNN Ensemble architectures driving multi-source data fusion for automated Diabetic Retinopathy grading (*Spectrum of Engineering Sciences*), alongside VGG16 and LSTM-powered image captioning models to assist the visually impaired (*IJIST*).
- **Assistive Neuro-Tech Review:** Published collaborative international reviews analyzing computational support frameworks addressing communication and interaction deficits for women with Autism Spectrum Disorder (ASD) children in Putrajaya, Malaysia.

CORPORATE, CONSULTING & INDUSTRIAL ENGINEERING

- **IT Consultant & Enterprise Systems Engineer** | Chenar Trading Sdn Bhd, Malaysia (2014 – 2015)
Led cross-border architecture management, PHP/MySQL systems development, and Oracle database operations.
- **Freelance IT Consultant & Solutions Architect** (2011 – 2014)
Supervised international ERP software adjustments, custom database engineering, and full-stack software transformations.
- **IT Training Deployment Lead** | Directorate of Staff Development, Lahore / Fauji Foundation Hospitals
Formally engineered and deployed large-scale technology literacy campaigns, training **1,000+ public institution heads** and healthcare workers in secure network engineering and modern digital administration.

CORE PROFICIENCIES & TECHNICAL TOOLKIT

AI, Languages & Frameworks: Deep Learning, CNNs, VGG16, LSTM, Python, C++, PHP, JavaScript, Vibe Coding, AI Automation, Web Development, MySQL, Oracle DB.

Infrastructure, Cloud & Systems: Linux Ubuntu, Windows NT Server Architecture, LAN/WAN Architecture, Router Engineering, Microsoft Azure, SAP, E-Commerce, Digital Marketing.

REFERENCES

Verified academic publications, institutional training records, and professional references are available upon request.