

Strategic IT Consultant

Enterprise Technology Strategy | Artificial Intelligence | Digital Transformation | Cybersecurity | Cloud | Innovation Leadership

Dr. Fahad RAHMAN, PhD

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Technology Executive with over 20 years of progressive experience, including more than 10 years in C-Level and executive leadership positions, driving enterprise technology strategy, digital transformation, Artificial Intelligence, enterprise architecture, ERP modernization, cybersecurity, cloud computing, and innovation across education, government, telecom, and multinational organizations. Proven track record of leading large-scale digital transformation programmes, enterprise application development, data migration, SAP ERP implementation, customer-centric digital platforms, and executive decision-making. Successfully delivered technology initiatives that enhanced operational efficiency, customer experience, organisational growth, and revenue generation while aligning technology investments with strategic business objectives.



Executive Leadership Profile

20+ years of enterprise IT leadership | 10+ years in C-Level and executive decision-making positions | Technology Strategy & Innovation | AI & Emerging Technologies | Digital Transformation | Cloud Strategy | Enterprise Architecture | Cybersecurity Governance | ERP Modernization | Executive Stakeholder Management | Board-Level Technology Advisory

Core Competencies

Enterprise Data Migration & Integration | Customer Experience (CX) Platforms | Digital Product Development | Enterprise Application Development | E-Commerce Platforms | Student Information Systems | Data Governance & Master Data Management | Digital Payment Solutions | Business Process Automation | AI-Driven Digital Transformation.

Technical & Professional Certifications (Selected)

- PMP – Project Management Professional
- ITIL Framework – IT Service Management
- Cisco Certifications: CCNA, CCNA Security, CCSP
- Enterprise Platforms Exposure: SAP S/4HANA, Oracle EBS, Microsoft Dynamics 365
- Cybersecurity Operations Exposure: Darktrace, Security Monitoring & Incident Handling
- ISMS / ISO 27001 Governance & Security Controls Exposure

Qualifications

2020 – 2023	PhD. Computer Science (Blockchain)	Université Paris Cité, Paris, France
2013 – 2015	M.Phil. Computer Science	Govt. College University, Lahore, Pakistan
2005 – 2007	M.Sc. Telecommunications	Govt. College University, Lahore, Pakistan
2003 – 2005	M.Sc. Computer Science	Govt. College University, Lahore, Pakistan
1999 – 2002	BS (Hons) Computer Science	Govt. College University, Lahore, Pakistan

Experience

Punjab Agriculture, Food and Drug Authority (PAFDA)
Aug 2026 – to-date

General Manager IT

- Head of IT for the provincial regulator of agriculture, food and drug safety; responsible for the Huawei FusionCompute virtualisation cluster, USG edge

firewall, Active Directory, Microsoft 365 tenant, SSL VPN and network segmentation.

- Established continuous, read-only security auditing of the hypervisor, firewall and directory with graded findings, day-over-day change detection and automated alerting; conducted a whole-estate security audit and staged remediation as reviewable change sets.
- Designed and built the authority's internal helpdesk, HR attendance and canteen platform and deployed it to production.
- Defined the segmented hosting architecture, restricted vendor VPN access, DevSecOps release gate (code review, secrets scan, dependency audit) and acceptance criteria for a vendor-built inventory management system (.NET 8 / Angular / SQL Server).
- Reviewed the vendor's source code, identified committed secrets and insecure defaults, and specified the must-fix list before production admission.
- Provisioned governed Exchange Online distribution groups and automated official notices through Microsoft Graph with certificate-based authentication scoped by application access policy.

Lahore Garrison University
(LGU)
Sept 2025 – Aug 2026

Adjunct Faculty Member, Trainer & Consultant

- Department of Criminology and the Digital Forensic Research and Service Centre (DFRSC), on contract; taught undergraduate (Bachelor's) courses and conducted laboratory sessions and student mentoring.
- Supervised research and academic projects; conducted research in digital forensics, blockchain and emerging technologies.
- Delivered professional training, technical consultancy and keynote talks.

Education Services Limited
June 2024 – Sept. 2025

General Manager IT (Infrastructure & Operations)

- Led enterprise IT operations, infrastructure governance, cybersecurity, and digital transformation across The City School Network.
- Defined enterprise technology strategy aligned with business growth, operational excellence, and customer experience.
- Designed and successfully developed a Customer Care Management System, establishing a centralized, customer-centric platform that significantly improved customer engagement, complaint resolution, service delivery, and operational visibility.
- Led the design, architecture, and deployment of The City School's first enterprise online book-selling platform, enabling parents to purchase books online for the first time in the organisation's history, generating over PKR 100 million in online sales.
- Directed enterprise application development, business process automation, API integration, and digital payment workflows.
- Led enterprise data migration, master data governance, and application integration initiatives to ensure secure and seamless migration from legacy systems.
- Managed Oracle EBS19, enterprise infrastructure, cybersecurity governance, cloud services, ERP integration, and IT service delivery.
- Led cross-functional teams, software vendors, and executive stakeholders in delivering high-impact digital transformation programmes.

LIPADE, Université Paris Cité, France 2020 – to-date Pakistan Railways Apr 2023 – June 2024	Associate Researcher – LIPADE, Faculty of Mathematics and Computer Science - Research in blockchain scalability, cross-chain systems, oracle trust and post-quantum resilience, published with IEEE and Springer; peer reviewer for top-ranked international journals. Director IT - Led enterprise-wide IT modernization and SAP transformation initiatives for one of Pakistan’s largest nationwide public-sector organizations. - Directed SAP implementation governance, stakeholder coordination, vendor management, and operational transition from legacy systems to enterprise ERP platforms. - Implemented role-based access governance, operational controls, and security procedures to strengthen accountability and reduce unauthorized access risks. - Managed enterprise infrastructure modernization, operational continuity, and technology governance across geographically distributed operational environments. - Strengthened cybersecurity posture through improved access controls, infrastructure governance, network security practices, and operational resilience measures. - Coordinated cross-functional teams, vendors, and business stakeholders to ensure project delivery, compliance alignment, and operational stability. - Improved standardization, governance controls, service reliability, and enterprise IT operational efficiency.
Alfabet-group, and Zyneas Technology, France Feb 2020 – July 2022	Ingénieur Sécurité - Led vulnerability management, security hardening, and enterprise protection initiatives across enterprise systems and network environments. - Conducted CVE identification, mitigation coordination, system security assessments, and infrastructure security improvement activities. - Supported implementation of cybersecurity controls, security monitoring processes, and incident response coordination. - Designed and developed CVE Management software for commercial cybersecurity operations and vulnerability tracking. - Contributed to cybersecurity research and secure systems architecture initiatives in blockchain and enterprise security domains.
Independent Consultant 2019 – 2020	IT & Cybersecurity Consultant Advisory and security engagements for public and private organisations: infrastructure reviews, security hardening, vendor evaluation and technical training.
Pakistan Railways Mar 2015 – Mar 2019	Director IT - Directed enterprise networking, cybersecurity operations, and infrastructure modernization initiatives across nationwide operational environments. - Led deployment and governance of enterprise IT infrastructure, network security solutions, and operational support systems. - Managed cybersecurity controls, operational resilience, vendor coordination, and project governance aligned with organizational objectives. - Supervised enterprise network operations, infrastructure performance, and secure connectivity across geographically distributed environments.

Lahore Parking Company
Sep 2012 – Feb 2015

Lahore Transport Company
Apr 2010 – Sep 2012

Wateen Telecom (Pvt.) Ltd.
Dec 2007 – Apr 2010

V- Technologies (Pvt.) Ltd.
Jan 2006 – Dec 2007

Cybersecurity
& Infrastructure

Enterprise Systems

KEY PROJECT LEADERSHIP
HIGHLIGHTS

Languages Levels

Selected Research

Publications

- Strengthened operational efficiency, service reliability, and infrastructure governance through standardized IT and security practices.

General Manager Computer Department

- Led the organization's IT and security operations as department head, responsible for network infrastructure, cybersecurity controls, project delivery, and vendor governance.

Manager IT Computer Science Department

- Managed IT infrastructure and network security operations including routers, switches, and firewalls; supervised technical teams and ensured operational continuity and compliance with organizational policies.

Officer Inbound Operation and Data Core

- Managed IP core network operations, infrastructure monitoring, and operational support within a large-scale ISP environment.
- Supported enterprise network performance, operational continuity, and infrastructure security initiatives.
- Contributed to network expansion, service optimization, and operational reliability projects.

System and Network Specialist

- Implemented and managed enterprise network and system infrastructure solutions across client environments.
- Supported network deployment, infrastructure security, system integration, and operational troubleshooting activities.
- Contributed to delivery of scalable and secure IT infrastructure environments.

- Cisco CCNA, CCNA Security, CCSP
- Firewalls (Cisco ASA, Fortinet, Palo Alto)
- Darktrace (AI Security)

- SAP S/4HANA, Oracle EBS, MS Dynamics 365

- Delivered enterprise IT, ERP, Data & AI projects across public-sector and multinational environments
- Managed complex stakeholder ecosystems including government bodies, boards, vendors, and regulators
- Strong experience in AI project governance, data platforms, and digital modernization
- Consistent record of cost optimization, risk mitigation, and quality delivery
- Led AI and data initiatives with structured governance, ethical considerations, and lifecycle management from PoC to enterprise rollout.

- English Professional, Urdu Native, French A2 Level.

I. Asymmetric Byzantine Quorum Approach to Resolve Trust Issues in Decentralized Blockchain Oracles. International Conference on Software, Telecommunications and Computer, (SoftCom) 2023 IEEE.

II. Scaling A Blockchain System for Load Balancing of DNS Servers Using Heuristic Sharding, The Fifth International Conference on Blockchain Computing and Applications, (BCCA) 2023 IEEE.

III. Use of Asymmetric Byzantine Quorums to Overcome Trust Issues in Blockchain Oracles. Journal of Communications Software and Systems, (JCOMSS) 2024.