

SHAUKAT ALI

Technical Project Manager | AI/ML Engineer | Senior .NET Engineer

Email: shaukat2667@gmail.com | Phone: +92 321 6587448 | LinkedIn: [LinkedIn](#) | Location: Lahore, Pakistan | Availability: Remote / Onsite / Relocation

PROFESSIONAL SUMMARY

Results-oriented Technical Project Manager with **10+ years** of progressive experience delivering enterprise-scale digital transformation initiatives across government, healthcare, fintech, and SaaS sectors. Demonstrated success managing cross-functional teams of 8-15 professionals, executing AI-powered solutions and .NET enterprise applications that generated **\$8M+ in cost savings and revenue recovery**. Deep expertise in architecting scalable systems using ASP.NET Core, Azure Cloud, Python/FastAPI, and cutting-edge AI technologies (OpenAI GPT, TensorFlow, ML models). Proven track record serving **7 million+ end users** and processing **\$50M+ monthly transactions** in mission-critical environments. Successfully delivered projects for US healthcare, UK clients, and large-scale government systems while managing Agile teams, stakeholder relationships, and technical innovation. **Seeking Technical Project Manager, AI/ML Engineer, or Senior .NET Engineer opportunities** in remote, onsite, or hybrid roles with immediate availability.

CORE COMPETENCIES

Project & Delivery Management

Agile/Scrum Leadership • Cross-Functional Team Management • Stakeholder Engagement • Budget & Timeline Control • Risk Mitigation • Client Delivery Excellence

AI/ML & Intelligent Automation

OpenAI GPT Integration • TensorFlow • PyTorch • Custom ML Models • NLP • Conversational AI • Chatbot Development • Predictive Analytics

.NET & Enterprise Development

ASP.NET Core • Web API • Entity Framework • C# • Microservices Architecture • RESTful APIs • MVC • Dependency Injection

Cloud & Infrastructure (Azure)

Azure Cloud Services • Azure DevOps • CI/CD Pipelines • Azure AD • Docker Containerization • Scalable Architecture • Cloud Security

Python & Data Engineering

FastAPI • Django • Pandas • NumPy • Scikit-learn • XGBoost • Data Analytics • ETL Pipelines • Machine Learning

Digital Transformation & SaaS

Multi-Tenant Architecture • Process Automation • System Integration • Legacy Modernization • React.js • Mobile Development • Payment Integration

PROFESSIONAL EXPERIENCE

Technical Project Manager / AI Solutions Architect

Confidential Technology Firm

Lahore, Pakistan (Remote: US & UK Clients) | May 2024 - Present (18 months)

- **Lead end-to-end delivery of 6+ AI-driven enterprise projects** valued at \$800K+ for international clients (US, UK), managing cross-functional teams of 8-12 professionals with **100% on-time delivery and 95% client satisfaction**
- **Architected AiRoom CRM** for US construction company, integrating OpenAI GPT-4 for intelligent lead management and automated customer engagement, delivering **35% increase in sales conversions, 50% faster response times, and \$150K annual savings**
- **Spearheaded SpendSail SaaS platform** (ASP.NET Core, React.js, Azure) - corporate expense management system developed over **14 months (Feb 2023 - Apr 2024)**, now serving **25+ organizations with 2,000+ active users, generating \$200K ARR and reducing expense processing time by 40%**
- **Leading Fibber Official mobile app development** (Python, FastAPI, OpenAI) - real-time audio truth analysis platform launching November 2025, with projected **50K+ downloads and \$15K+ MRR** through subscription model
- **Implemented Agile/Scrum methodologies** across all projects, improving sprint velocity by 30%, reducing defect rates by 25%, and establishing automated CI/CD pipelines using Azure DevOps
- **Managed international client relationships** conducting requirement workshops, sprint reviews, and executive presentations to ensure strategic alignment and exceed delivery expectations
- **Mentored team of 5 developers** on AI/ML integration, cloud architecture best practices, and modern development frameworks, fostering technical excellence and innovation culture

Lead Software Engineer / Technical Project Manager

BinaryBrix Pvt. Ltd.

Lahore, Pakistan | May 2022 - April 2024 (2 years)

- **Delivered Lisa AI Chatbot** (Custom GPT, ASP.NET Core, FastAPI) - personality enhancement platform serving **10,000+ users with 85% engagement rate**, leveraging NLP for personalized self-improvement recommendations
- **Built E-Lawyer legal automation system** trained on 5,000+ legal documents using custom GPT and LLM fine-tuning, reducing legal research time by **60% and saving clients \$100K+ annually** in consultation costs
- **Architected enterprise microservices solutions** (ASP.NET Core, Azure) handling **100K+ daily API requests with 99.9% uptime**, implementing scalable architecture patterns and cloud-native best practices
- **Managed concurrent delivery of 4 enterprise projects** coordinating teams of 10-15 members, ensuring quality standards, timeline adherence, and technical excellence across all initiatives
- **Established DevOps culture** implementing Azure CI/CD pipelines, automated testing frameworks, and Docker containerization, reducing deployment time from 4 hours to 30 minutes
- **Awarded Best Performance 2023** for exceptional project delivery, client satisfaction, and innovation in AI-driven solutions

.NET Developer / Systems Integration Specialist

Solara Medical Supplies (AdaptHealth Company)

Remote - US Healthcare | September 2020 - April 2022 (1 year 8 months)

- **Developed and maintained healthcare management system** for Solara Medical Supplies, a leading US medical equipment supplier serving insurance networks and processing medical claims for durable medical equipment (DME)
- **Integrated multiple subsystems** using ASP.NET, Web API, and SQL Server to streamline insurance contract management, equipment inventory tracking, billing workflows, and claims processing operations
- **Built API integrations** connecting Solara's platform with major insurance providers (Medicare, Medicaid, private insurers), enabling automated eligibility verification, prior authorization, and real-time claims submission
- **Enhanced claims processing module** reducing manual data entry by **45% and improving claims approval turnaround time by 30%** through automated validation, error handling, and insurance rule engine implementation
- **Implemented secure data exchange protocols** ensuring HIPAA compliance for protected health information (PHI), maintaining **99.9% system uptime** for critical healthcare operations serving thousands of patients daily
- **Collaborated with US-based cross-functional teams** in Agile environment, participating in sprint planning, daily standups, code reviews, and system integration testing for healthcare-critical features
- **Developed reporting modules** providing real-time insights into inventory levels, insurance reimbursements, and operational metrics, enabling data-driven decision-making for management

Software Developer / Technical Lead

Major Public Sector Utility Company (Confidential)

Lahore, Pakistan | June 2016 - September 2020 (4 years 3 months)

- **Developed Central Cash Collection System** serving **7 million customers across 20+ banks, processing \$50M+ monthly transactions**, reducing collection delays from 7 days to real-time and saving **\$2M annually in operational costs**
- **Built AI-powered Electricity Theft Detection System** using Python ML algorithms (Random Forest, XGBoost), analyzing 5 years of consumption data for 500K+ consumers, identifying **15,000+ theft cases and recovering \$5M in annual revenue**
- **Implemented Snap Audit System** (WPF, C#, SQL Server) deployed across 50+ field offices, automating meter reading verification and reducing fraudulent activities by **70%, saving \$1.5M annually**
- **Designed secure RESTful API infrastructure** enabling seamless integration between enterprise billing systems and 200+ bank branches with 99.8% uptime and military-grade security
- **Led technical team of 5 developers** delivering mission-critical applications for public sector operations, ensuring regulatory compliance and data security standards
- **Received Best App Award 2016** for innovative solution significantly improving operational efficiency and revenue assurance

Associate Software Engineer

iSoIPK

Lahore, Pakistan | July 2014 - May 2016 (2 years)

- Contributed to enterprise application development using ASP.NET MVC4, SQL Server, implementing business intelligence solutions with Crystal Reports and Jasper Reports
- Collaborated with senior engineers on process automation projects, implementing solutions that improved operational efficiency by 25%
- Developed data-driven dashboards and analytical reports enabling executive decision-making across multiple business units

SIGNATURE PROJECTS PORTFOLIO

AiRoom CRM | US Construction Industry Client

January 2024 - May 2024 | Role: Technical Project Manager & Solutions Architect

Technology: [ASP.NET Core](#), [React.js](#), [OpenAI GPT-4](#), [Azure Cloud](#), [SQL Server](#), [RESTful API](#)

- AI-powered customer relationship management system for construction company managing 500+ leads/month with intelligent lead scoring, automated follow-ups, and GPT-4 assisted communication
- Business Impact:** 35% increase in sales conversions, 50% faster response times, \$150K annual cost savings through intelligent automation
- Technical Innovation:** Custom AI workflows for project estimation, automated proposal generation, and contract management integrated with existing ERP systems
- Team Leadership:** Managed 6-member development team across design, development, testing, and deployment phases with Agile methodology

Fibber Official | AI-Powered Audio Truth Analysis Mobile App

August 2024 - November 2025 (Production Launch This Week) | Role: AI Architect & Project Lead

Technology: [Python](#), [FastAPI](#), [OpenAI API](#), [Advanced NLP](#), [React Native](#), [Azure](#), [In-App Purchases \(iOS/Android\)](#)

- Real-time audio stream analysis platform using Python NLP libraries and OpenAI for syntax/context analysis to predict truthfulness in conversations
- Market Projection:** 50K+ downloads in first quarter, \$15K+ MRR through subscription model (freemium to premium conversion strategy)
- Technical Architecture:** Scalable Python backend processing 10K+ audio analyses daily with sub-3-second response time, deployed on Azure with auto-scaling
- End-to-End Delivery:** Complete ownership from concept, AI model training, mobile app development, payment integration, to production launch

SpendSail | Enterprise Expense Management SaaS Platform

February 2023 - April 2024 (14 months) | Role: Solution Architect & Technical Project Manager

Technology: [ASP.NET Core](#), [React.js](#), [Entity Framework](#), [Azure AD](#), [SQL Server](#), [Microservices](#), [Azure Cloud](#)

- Multi-tenant SaaS platform serving 25+ organizations with 2,000+ active users, featuring custom approval workflows, real-time budget tracking, and automated expense reporting
- Business Success:** \$200K ARR, 40% reduction in expense processing time, eliminated manual data entry and reconciliation for client organizations
- Technical Excellence:** Microservices architecture with Azure AD integration, ensuring enterprise-grade security, scalability, and 99.9% uptime SLA
- Client Value:** Seamless integration with accounting systems (QuickBooks, Xero), mobile apps for on-the-go expense submission, and executive analytics dashboards
- Project Leadership:** Managed complete 14-month development lifecycle from requirements gathering, architecture design, agile sprints, testing, to production deployment

Central Cash Collection System | Public Sector (7M Customers)

2018 - 2020 | Role: Lead Developer & System Architect

Technology: ASP.NET, Web API, SQL Server 2014, C#, Secure VPN, Enterprise Integration

- Enterprise financial system serving 7 million utility customers, integrating 20+ banks with 200+ branches for real-time bill collection and payment processing
- Transformational Impact:** Eliminated 7-day collection delay, reduced operational costs by \$2M annually, processing \$50M+ monthly transactions with zero revenue leakage
- Technical Complexity:** Secure RESTful API infrastructure handling 100K+ daily transactions across diverse geographic regions (urban and rural coverage)
- Security & Reliability:** On-premises infrastructure with military-grade security, ensuring all financial transactions met regulatory compliance and audit requirements

AI-Powered Electricity Theft Detection System

March 2021 - July 2021 | Role: ML Engineer & Solution Architect

Technology: Python, Scikit-learn, XGBoost, Pandas, NumPy, Matplotlib, SQL Server, Advanced Analytics

- Machine learning solution analyzing 5 years of consumption data for 500K+ consumers to detect electricity theft patterns with 92% accuracy
- Revenue Recovery:** Identified 15,000+ theft cases, recovering \$5M in annual revenue for utility company and reducing non-technical losses by 35%
- ML Innovation:** Supervised learning models (Random Forest, XGBoost) with feature engineering on consumption patterns, payment history, and field audit data
- Actionable Intelligence:** Interactive dashboards providing field teams with prioritized investigation lists and predictive risk scoring for proactive intervention

EDUCATION & QUALIFICATIONS

Master of Science in Computer Science (MSCS)

Virtual University of Pakistan, Lahore | 2016

Master of Computer Science (MCS)

Punjab University College of Information Technology (PUCIT), Lahore | 2014

Bachelor of Science (BSc)

Punjab University, Lahore | 2012

AWARDS & RECOGNITION

- Best Performance Award 2023** - BinaryBrix Pvt. Ltd. for exceptional project delivery, client satisfaction, and AI innovation
- Best App Award 2016** - Public Sector Organization for developing high-impact enterprise solution with measurable ROI

LANGUAGES & ADDITIONAL INFORMATION

- Languages:** English (Professional Working Proficiency) | Urdu (Native)
- Work Authorization:** Pakistani National with valid passport, open to remote work, onsite opportunities, or international relocation
- Notice Period:** Immediate to 30 days (negotiable based on project handover requirements)
- Work Preferences:** Available for remote, hybrid, or onsite positions. Open to relocation for the right opportunity