Muhammad Haris Mehmood

Engineering Leader | Digital Channels, Integration & AI-Enabled Delivery

+92-332-5372699 | contact@harismehmood.com | Islamabad, PK

Engineering Leader with nearly 16 years of experience. Architecting and delivering high-impact, scalable solutions across diverse industries, including Mobility, Foods, Real Estate, and Media. Proven track record of managing large engineering teams and bridging the gap between complex business requirements and technical execution; expert in cloud-native architectures, high-throughput data processing, and modernizing legacy infrastructures to drive operational efficiency.

Experience

Al Ghurair, Sr. Engineering Manager

Oct 2025 - Present, Islamabad

- Driving the entire SDLC of modern web, mobile, and backend platforms, ensuring technical roadmaps are strictly aligned with evolving enterprise business goals
- Directing a cross-functional team of 20 engineers to deliver high-impact, end-to-end solutions for Mobility, Properties, Facilities, and Corporate business units
- Established and enforced engineering standards and KPIs across the department. Implemented structured code review protocols and documentation standards to ensure long-term maintainability and system integrity
- Architecting resilient, distributed systems while continuously optimizing platform performance
- Fostering a high-performance culture of technical excellence through hands-on mentorship, career development planning, and the implementation of streamlined Agile/Scrum operations

Motive, Lead Software Engineer

Dec 2024 - Oct 2025, Islamabad

- Developed and scaled backend services using Ruby for APIs and PostgreSQL for data storage
- Implemented ETL pipelines with Python and PySpark to process large datasets efficiently
- Architected and planned new features with scalability as a core principle
- Worked on identifying and resolving key issues that were impacting clients to help the company reduce churn
- Used AWS SQS and Kafka for high-throughput, real-time data ingestion and updates, ensuring resilient and low-latency systems.

Glide, Solutions Architect

July 2018 - Sep 2024, UK Remote

- Engineered and scaled high-traffic web and mobile applications across diverse industry verticals, ensuring 99.9% uptime and seamless user experiences
- Worked on migrations from legacy on-premises infrastructure to cloud-native architectures, reducing operational overhead and improving system elasticity
- Co-architected a distributed media workflow and Asset Management System on AWS in direct partnership with Adobe engineers, optimizing high-volume asset processing, media editing, and encoding
- Mentored an engineering team and managed a dedicated service line across multiple time zones
- Optimized the SDLC by implementing CI/CD automation and Agile best practices, resulting in significantly faster release cycles and reduced time-to-market.

RecruitBPM, Sr. Software Engineer

May 2017 - Feb 2019, Islamabad

- Delivered full-text search functionality in millions of documents
- Delivered a fully functional in-app email client
- Delivered Outlook & Gmail Add-ins to increase the productivity of recruiters
- Enhanced the career portal and worked on the time & expense management system

Glide, Software Engineer

March 2016 - May 2017, UK Remote

- Worked on developing a SaaS for “Legal Knowhow” that allows users to search through millions of documents and past cases. Developed a large-scale data ingestion and indexing platform. Developed a group-based subscription system to allow user access to group legal docs.
- Delivered a document archive and web portal for the Victoria Cross & George Cross Association

Public Sector, Software Engineer

Dec 2012 - Feb 2016, Islamabad

- Worked on web and desktop applications in various languages. PHP, Java, and C#. Developed access control systems by integrating devices from SAGEM and Convergence Systems Limited in Desktop & Web Applications.

Applewood, Software Engineering Internship

Sep 2011 - Dec 2012, Islamabad

Technical Skills

- **Leadership & Delivery Management**
  - Team Management & Mentoring, Delivery Management, Solutions Architecture
  - Methodology: Agile/Scrum, Resource Planning, Software Development Lifecycle
- **Cloud, Infrastructure & DevOps**
  - AWS, GCP
  - GitHub Actions, Azure DevOps, CircleCI, and AWS CodePipeline
  - Serverless Framework, CloudFormation, Terraform
- **Backend & Data Engineering**
  - NodeJS, PHP, Python, Ruby
  - MySQL, Postgres, MongoDB, Redis, Solr, AuroraDB
  - Kafka, Kinesis
  - PySpark, Apache Airflow, ETL Pipelines
- **Frontend & Mobile Development**
  - Web: ReactJS, Vite, Redux, JavaScript (ES6+), HTML5, CSS3, jQuery
  - Mobile: React Native (iOS + Android), Capacitor, Ionic
- **Payments & Integration**
  - Gateways: Stripe, PayPal, Braintree
  - Mobile: Apple Pay, Google Pay, In-App Purchases (IAP)
- **Reliability, Observability, Analytics & Growth**
  - Datadog for Observability & Analytics
  - Rootly / Datadog for Incident Response
  - Statsig (Feature flags and A/B testing)
- **Search & Indexes**
  - Elasticsearch, Solr

Products & Projects

Buddys UAE, Buddys KSA
iOS App | Android App

Bridge, Alternative Fund Services
https://bridgefundfinance.com/

Victoria Cross & George Cross Association
https://vcgca.org

Progress Charter
https://progresscharter.com

Motive, Compliance
https://gomotive.com/products/fleet-compliance/

Legal Centrix
https://legalcentrix.com

Databall
iOS App | Android App

RecruitBPM
https://recruitbpm.com

Education

Bachelor of Science in Computer Engineering
2011, C@SE, UET Taxila

Pre-Engineering
2007, IMCB G-10/4, Islamabad

Interests

Software Engineering
Electronics
Gadgets
Motor Racing
Gaming
Hobby Projects
Cricket

Supported Causes

Enviornment
Education
Hunger & Nutrition
Water & Sanitation
Child Welfare