

Atif Mumtaz - Program Manager & Solutions Architect

Personal Information

FIRST NAME / SURNAME Atif Mumtaz
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Professional Summary

Solutions Architect and Program Manager with 20 years of experience driving digital transformation, cloud architecture, and industrial automation. Securing a professional engineering role at age 13, I bypassed conventional educational pathways to directly engage with US agencies, prioritizing hands-on, immersive learning and rapid time-to-market. Expert in designing resilient, serverless, and cloud-agnostic architectures across AWS, Azure, and GCP, alongside executing Industrial IoT and Enterprise Data Management strategies.

Proven track record of leading cross-functional teams, providing services to fastest growing business in Cincinnati OH, managing complex project life cycles, and contributing to the open-source community. Quick learner, effective communicator, and dedicated team player with a passion for mentoring the next generation of engineers.

Open Source Work

Project	Docs	GitHub	Role
FivFold	fold.fivexlabs.com	github.com/fivex-labs/fivfold	Founder, Architect, Developer, Maintainer
FivWall	wall.fivexlabs.com	github.com/fivexl-labs/fivwall	Founder, Architect, Developer, Maintainer
FivUI (Deprecated)	-	github.com/Fivex-Labs/fivui	Founder, Architect, Developer, Maintainer

Core Competencies & Technical Skills

Cloud Architecture	General	Design, Package, Build, Optimize and Deploy complex services utilizing Serverless, Containerized and Microservice infrastructure for AWS, Azure, GCP .
	AWS	ECS Fargate, ECR, RDS, Glue, CloudFront, CloudWatch, CloudFormation, DynamoDB, Lambda, S3, SQS, SES, SNS, LoadBalancers, API Gateway, VPC, Parameter Store and more.
	Azure	Logic Apps, Function Apps, App Service, CosmosDB, FrontDoor, Flexible Database Servers, Data Factory, Vault, VNet, API Management Services, Service Bus and more.
	GCP	Cloud SQL, BigQuery, Looker, Data Fusion, App Engine, Firebase
	Vercel	Next.js app management, edge functions, AI SDK, Workflow SDK, Bot SDK
Infrastructure & DevOps	IaC	Terraform, Serverless (SLS Framework)
	CI/CD	GitHub Actions, Azure DevOps pipelines
	Containers	Docker, Kubernetes
Software Engineering	Platforms	Typescript, Node.js, Angular, React, Next.js, Ionic, .NET Core, GoLang, C#, Bun, NestJS and more.
	ORMs	Typeorm, Prisma, Entity Framework
	Databases	RDS (PostgreSQL, MSSQL, MySQL), MongoDB, DynamoDB, Cosmos, Elasticsearch, BigQuery
Project Management	Agile, Scrum, Jira, Linear, Confluence, Mind Mapping	



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Work Experience

COMPANY	Cinnova Technologies, LLC.
TENURE	2018 - 2026
POSITION	<i>Program Manager & Solutions Architect</i>
WORK	<ul style="list-style-type: none">- Direct end-to-end program management and architecture for SaaS platforms, guiding engineering teams through Agile life cycles.- Architect modern ETL/ELT pipelines and synchronize data between SQL and NoSQL structures (CosmosDB, MongoDB schema) using Azure Functions and Data Factory.- Designed the complete infrastructure from scratch for platforms like FullRein and Property Obsession Network, implementing RESTful APIs, functional triggers, and token management.- Led the cloud provisioning and development of LoadSecure, utilizing Google Cloud Firestore for real-time tracking and AWS for relational databases and middleware.- Spearheaded serverless integrations utilizing AWS Lambda, DynamoDB, and GoLang for complex AI-driven products like StreamAI, achieving 92.8% accuracy in custom transcript merging.
COMPANY	DevStudio
TENURE	2017- 2018
POSITION	<i>Lead Architect</i>
WORK	<ul style="list-style-type: none">- Managed the development of NXTFlight, implementing MS-SQL algorithms for optimized logistics routing and integrating Aviation APIs.



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- Led the architectural design for CryptoGenX, building an ecosystem to support 8 cryptocurrency nodes, a native mobile application, and a centralized exchange.

COMPANY **Mystics**

TENURE 2015 - 2017

POSITION *Team Lead & Solutions Architect*

WORK - Architected a custom ERP system (NDot) directly integrated with Oracle and SAP to support one of the world's largest textile mill - Nishat Mills Ltd.
- Deployed Azure Web Apps and SSIS packages on Azure Data Factory to ensure seamless data integration across multiple enterprise databases.

COMPANY **Makistra**

TENURE 2014 - 2015

POSITION *Lead Developer for CV & AR*

WORK Developed facial mapping software and augmented reality platforms using Data Science, Vanilla JS, and the Viola Jones Algorithm. This program was a contractual work for participating in Google Startup Exchange Program, which Makistra successfully completed.

COMPANY **YSMF Software Solutions Pvt. Ltd.**

TENURE 2006 - 2014

POSITION *Senior Software Engineer & Team Lead*

WORK Built highly automated Optical Mark Recognition and Character Recognition systems for SchoolCity Inc. using Atalsoft SDK.