Track	Training Outline				Duration
	#	Module	What is to be covered?		
Tech Architects Mastery	1	Fundamentals of Microservices Architecture	Introduction to Microservices Architecture, Decomposition Strategies, Service Communication and Coordination, Containerization and Orchestration, Resilience and Fault Tolerance, Security in Microservices, Observability and Monitoring, Continuous Integration and Deployment for Microservices, Scaling Microservices, Best Practices and Patterns	Instructor-Led Bootcamp	30 Hours / 5 Days
	2	Principles of Architectures	Architectural Patterns Overview, Event-Driven Architecture (EDA), Domain-Driven Design (DDD), Hexagonal Architecture, Clean Architecture, CQRS and Event Sourcing, API Design and Governance, Scalable Data Architectures, Hybrid Cloud Architectures, Real-World Case Studies and Best Practices		
	3	Infrastructure Setup for Microservices and ML	Cloud Computing Fundamentals, Infrastructure as Code (IaC), Containerization Technologies, Setting up Microservices Infrastructure, Managing Microservices Data, CI/CD Pipelines for Infrastructure, Security in Cloud Environments, Monitoring and Logging Infrastructure, Scalability and High Availability, Cost Optimization Strategies		
	4	Machine Learning in Architectures	Introduction to Machine Learning, Machine Learning Lifecycle, Integration of ML into Microservices Architectures, Model Serving and Deployment, Real-Time ML Inference, Model Monitoring and Management, ML Interpretability and Explainability, Scalable ML Infrastructure, ML Ops and Governance, Advanced ML Architectures and Case Studies		
	5	Hands-On Azure for Tech Architects	Navigating Azure, Azure Infrastructure Setup for Microservices, CI/CD Pipelines on Azure, Security in Azure, Monitoring and Logging, Scaling Microservices on Azure, Cost Optimization Strategies, High Availability and Disaster Recovery, Hands-On Labs and Real-World Scenarios		
	Bonus	Assessment	An industry relevant project involving the skills earned throughout the above modules.	**Exam**	
	Bonus	Capstone Projects	Assessing the knowledge gained throughout the above modules	**Self-Paced**	