

SAAD SHAMS

Chief Software Architect-Senior Engineer (Polyglot)

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📍 Miami Beach, FL

ACCOUNTS



group^m



WPP Group plc



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ANN TAYLOR

Emirates

Leo Burnett



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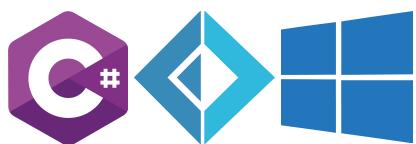
LANGUAGES / PLATFORMS



Java - PureMVC Standard Framework <https://github.com/sshams/puremvc-java-multicore-framework>

Java - PureMVC Multicore Framework <https://github.com/sshams/puremvc-java-standard-framework>

Java - PureMVC Plugin Pipes <https://github.com/saadshams/puremvc-java-util-pipes>

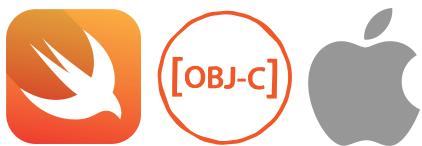


C# - PureMVC Standard Framework <https://github.com/PureMVC/puremvc-csharp-standard-framework>

C# - PureMVC Multicore Framework <https://github.com/PureMVC/puremvc-csharp-multicore-framework>

C# - PureMVC Plugin Pipes <https://github.com/PureMVC/puremvc-csharp-util-pipes>

F# - Adobe Experience Mobile SDK <https://github.com/saadshams/AEMMSDK-FSharp>



Swift - PureMVC Standard Framework <https://github.com/PureMVC/puremvc-swift-standard-framework>

Swift - PureMVC Multicore Framework <https://github.com/PureMVC/puremvc-swift-multicore-framework>

Swift - PureMVC Plugin Pipes <https://github.com/PureMVC/puremvc-swift-util-pipes>

Swift - PureMVC Plugin StateMachine <https://github.com/PureMVC/puremvc-swift-util-statemachine>

Objective-C - Multiple Repositories <https://github.com/sshams?tab=repositories&language=objective-c>



C/C++ - PureMVC Standard Framework <https://github.com/saadshams/puremvc-c-standard-framework>

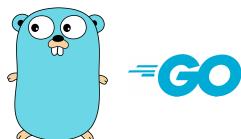


NPM - PureMVC Plugin Pipes <https://www.npmjs.com/package/npmvc-util-pipes>

NPM - PureMVC Plugin AsyncProxy <https://github.com/PureMVC/puremvc-swift-util-statemachine>

NPM - PureMVC Plugin AsyncCommand <https://github.com/PureMVC/puremvc-swift-util-statemachine>

AEMMSDK for JavaScript nodeJS <https://github.com/saadshams/AEMMSDK-JavaScript>



GO - PureMVC Multicore Framework <https://github.com/saadshams/puremvc-go-multicore-framework>

GO - PureMVC Plugin Pipes <https://github.com/saadshams/puremvc-go-multicore-framework>



JS - PureMVC Plugin StateMachine - <https://github.com/PureMVC/puremvc-js-util-statemachine>

HTML/CSS/JS - Multiple Repositories <https://github.com/sshams?tab=repositories&language=javascript>

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SUMMARY

Pattern Oriented Software Architecture, Microservices, Distributed, Concurrent, Parallel, Resilient, Interactive and Realtime Systems. Frameworks, SDK Libraries and Plugins. Object Oriented, Reactive, Functional and Event Driven Design Patterns for Large Scale Enterprise Systems. SAAS, PAAS.

Open Source contributor and author for PureMVC (www.puremvc.org) Framework ports and Plugins built around object-oriented design patterns by Gang of Four.

EXPERIENCE

Chief Software Architect

Xennial Digital (formerly Mirum) 📅 02/2018 📍 Miami, FL

Microservices API for a CMS platform. Multi-lingual, multi-regional automated sales content creation and deployment to mobile apps. Microsoft Dynamics integration with Adobe Experience Manager Mobile.

Tiffany, Sotheby's International Realty, Realyog, Caesarstone

Director of Multimedia Development

Mirum (a JWT/WPP Company) 📅 05/2013 - 02/2018 📍 Miami, FL

Microservices API, Software Development Kits, Realtime Event Management Systems, Mobile app Development (iOS, Android, Surface)

Adobe, General Motors, Sony, Celebrity Cruises, Royal Caribbean, J. Walter Thompson, Group M, Honeywell, FICO, Sotheby's International Realty, United Healthcare, Alabama University, Auburn University, Pemica, Rovi, Ann Taylor, Pacific Basin Magazine, Kroton University

Senior Developer

Leo Burnett (Publicis Groupe) 📅 11/2008 - 11/2012 📍 Dubai, UAE

Development of multi-lingual, multi-regional interactive responsive projects, websites, flash, kiosk, interactive CDs and advertising banners.

Emirates Airlines, General Motors, Phillip Morris, McDonald's, Cartier, Johnnie Walker, Procter & Gamble, Kellogg's, Montblanc, Unicef, DU, Daman Health Insurance, National Bank of Dubai

Senior Developer

Panacea Communications 📅 2004 - 2008 📍 ISB, PAK

Managed the Technical and Scientific part of Online Marketing through intelligent use of Multimedia Technologies for Web for local brands.

Multimedia Director

Mohammad Ali Jinnah University 📅 2000 - 2004 📍 ISB, PAK

Including Part-time instructor with Greenwich University, Senate of Pakistan, OPF, Comwave, Vital Systems, Mashal Computer College. Lectured on several frontend and backend technologies including classic ASP, JSP, .NET, ColdFusion and PHP.

📍 Miami Beach, FL

PATTERNS

Creational, Structural & Behavioral Patterns

Access Control and Communication Patterns

Service Access and Configuration Patterns

Asynchronous and Event Handling Patterns

Synchronization and Concurrency Patterns

Resource Acquisition and Caching Patterns

Pipes, Layers and Blackboard Patterns

Broker, MVC, PAC and Microkernel Patterns

Security and Authentication Patterns

Service Design Patterns

TECHNOLOGIES

React Java.Go Envoy jBPM

Vert.x Kubernetes gRPC Docker

OpenShift Drools Kafka Jenkins

Elastic Stack JSON XML SOAP

SOA REST Couchbase Redis

Cassandra Protocol Buffers Angular

CI Prometheus Fluentd Jaeger

EDUCATION

BS (HONS) Computer Science

IIUI

📅 1998 - 2002

Applied Mathematics and Statistics

Federal Board

📅 1996 - 1998