

Shanezzar Sharon

Senior Engineer / Architect

Gżira, Malta

- Phone: +356 7949 7521
 - Email: me@shanezzar.com
-

Summary

Senior Engineer / Architect with 10+ years of experience designing and delivering mobile, web, and backend systems, with a strong focus on native iOS (Swift, SwiftUI, UIKit) and modern architectures (MVVM, cloud-native).

Blend of hands-on engineering and architectural leadership across product companies, consulting, and start-ups: from building and modernising iOS and Android apps used in 11+ countries to migrating legacy workloads to Google Cloud Platform and designing multi-cloud platforms on AWS, Azure, and GCP.

Experienced in fintech, logistics, and health-tech, integrating payment gateways and custom payment flows, implementing IoT/BLE solutions, and contributing from an engineering perspective to a 3M USD fundraise.

Experience

SamKen Technologies, USA (Remote)

Head Engineer · Dec 2023 – Present

- Designed and implemented the end-to-end architecture of a health-tech platform across AWS, Azure, and Google Cloud using Node.js, SwiftUI, Kotlin, PostgreSQL, Firestore, Amplify, Docker, Portainer, EC2, and RDS.
- Built a secure payments and transaction layer integrating custom payment flows, including webhooks for real-time transaction tracking and reconciliation.
- Implemented spending controls and card-related flows, gaining exposure to virtual card issuing and controls in collaboration with banking and card-issuing partners.
- Worked closely with the founding team and investors, contributing from an engineering perspective to a 3M USD fundraise by articulating the architecture, risk controls, and scalability of the platform.

Justlin Ltd., San Ġiljan, Malta

Senior iOS Engineer · Jun 2020 – Present

- Led a major migration initiative from legacy data centres to Google Cloud Platform, significantly reducing infrastructure expenditure.
- Guided a team of engineers to build and secure a data-ingestion platform for next-generation vehicles using Firebase and Node.js.
- Formulated designs and procedures to modernize perpetual products live in 11+ countries using SwiftUI and MVVM.
- Collaborated in the build-out of the Android version of the product using Kotlin and Java.
- Conducted code reviews, enforced coding standards, and strengthened code quality with unit testing and continuous integration (GitHub, Bitbucket).

Freelance Software Development (Remote)

Software / Web / Mobile Application Developer · Feb 2013 – Present

- Delivered end-to-end mobile and web solutions for international clients using Swift, Objective-C, PHP, ASP.NET MVC, WordPress, and JavaScript.
- Developed BLE-based iOS applications to control IoT microcontrollers and wrote microcontroller code in C/C++ and JavaScript to ensure smooth integration.
- Built and optimized RESTful APIs in PHP to bridge MySQL databases with web and mobile applications.

Selected projects: iXplora (iOS), Snapee (iOS), PAXI Pakistan (iOS, unreleased), Dame Latest Women Fashion (iOS, unreleased), Toyota Cars Preview (Windows Store / C#), Maths for Kids (Windows Store / C#), East2West Travel & Tours (ASP.NET MVC / C#), Stitch Xperts (WordPress / PHP), Charge Relief & Auto Shutdown (Windows Forms / C#), Bus Ticket Reservation System & Aptitude Test System (Java), Shalim Praise Ministries & Excellent Coaching (HTML/CSS/JavaScript).

FitOutFit Software Technologies (Remote)

Mobile Application Developer · Sep 2018 – May 2020

- Developed and maintained Qairos across iOS, Android, and web, ensuring feature parity and consistent UX across platforms.

All Star Technology, Karachi, Pakistan

iOS Developer · Jan 2018 – Oct 2018

- Migrated existing iOS projects to Swift and developed a tvOS application for a proprietary business communication platform.
- Integrated maps, payment gateways (Stripe, Braintree, Adyen), and ad networks (Google Ads, Facebook Ads).
- Enforced code quality with standards, unit testing, and CI.

Key projects: Mulmin, IntervWo, HeyThere, Voice of Friends, Better Dog Academy, Save a Pet, Tidy 4 Me, Salon Seat, Bookerr, Jobs on The Map, Squad (tvOS), Vitality.

Variantec, Inc., Karachi, Pakistan

iOS / PHP Developer · Jul 2017 – Jan 2018

- Built an IoT Automation iOS app and corresponding hardware server (C, HTML5, CSS3, JavaScript).
- Developed an IoT web portal and ERP system in PHP and maintained core product software and databases.

Leopards Courier Services, Karachi, Pakistan

Junior Mobile Application Developer · May 2016 – Jul 2017

- Created the company's first iOS application in Objective-C, leading to an 18% improvement in courier tracking and booking speed.
 - Developed and maintained the Leopards Courier website using PHP and ensured stable backend integrations.
-

Education

Master of Science, Strategy, Leadership and Change Management

Study World Global College Malta · 2021 – 2022

Master of Science, Computer Engineering (Paused)

Università degli Studi di Messina, Italy · 2019 – 2021

Bachelor of Science, Computer Science

Dadabhoy Institute of Higher Education · 2014 – 2018

Advanced Diploma in Software Engineering

Aptech Computer Education · 2014 – 2017

Skills

- **Mobile & Frontend:** Swift, SwiftUI, UIKit, Objective-C, iOS SDK, Android (Java, Kotlin), tvOS
 - **Backend & Web:** Node.js, PHP, ASP.NET MVC, MySQL, PostgreSQL, HTML5, CSS3, JavaScript, WordPress
 - **Cloud & DevOps:** AWS, Azure, Google Cloud Platform, Firebase, Amplify, Docker, Portainer, EC2, RDS, CI/CD, Git (GitHub, Bitbucket)
 - **Integrations:** Stripe, Braintree, Adyen, Google Maps, Google Ads, Facebook Ads, BLE/IoT, webhooks, transaction tracking
 - **Practices:** MVVM, RESTful APIs, code review, unit testing, continuous integration, performance troubleshooting
-

Certifications & Awards

- Advanced Diploma in Software Engineering – Aptech Computer Education
- Techon, Painting, Aptech Ambassador Program, Aptech Vision, Front Desk Operations