

# Valay Patel

Mobile Application Architect at Onlia

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## PROFESSIONAL PROFILE

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*Currently Working as a Mobile Application Architect.*

*I am an engineer with an innovative and creative vision who loves to solve complex computing problems and a leader who has an inborn passion for teaching and mentoring. I am a self-learner who loved to keep updating myself with different technologies.*

*Specialties:*

- *Mobile Applications, User interfaces, usability, organization/structure*
- *Azure Services and Azure DevOps.*
- *App Architecture MVVM , VIPER and MVP.*
- *Understand Micro Service Architecture.*
- *Product Documentation, Test Driven Development, Maintainable Software Development, Resilience, fault tolerance, System automation, monitoring*
- *Platform Documentation, Technical Architecting, and Writing.*

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## CERTIFICATIONS

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**Microsoft Certified: Azure Fundamentals**

*April 2020*

Microsoft

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## SKILLS

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- Android
- iOS
- Java, RxJava
- Kotlin, Coroutine
- Swift, RxSwift
- MVVM, MVP Architecture
- Azure DevOps Pipeline with Yaml
- Github and Github Actions
- Azure Services
- Python, Ruby, and NodeJs for Scripting
- Unit Testing and UI Testing
- Appium with JUnit and TestNG

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## EXPERIENCE

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**Onlia**

*Nov 2019 - Present*

**Mobile Architect**

- Responsible for Application and Backend Architecture of Onlia Sense App
- Owner of Technical vision of Product and Technical Backlog.
- Implemented CI/CD Stack on Azure DevOps.
- Managed project transition from off-shore to in-house.
- Integrated Firebase with Application for Sign In (OAuth 2.0), Push notification, Analytics
- Setup Automation Testing framework using Appium.
- Responsible for Application Architecture i.e. MVVM and VIPER
- Reactive programming used i.e RxJava, RxSwift and coroutines.
- Dependency Injection framework used Dagger2 and Hilt.
- Integrated UnitTest with CI/CD.
- Using Room and CoreData for Data at Rest in Application.
- Designed Module Abstractions for Telemetry Provider and Map Provider.
- Streamlined Application Analytics and worked with Data Team to achieve the desired dashboard.
- Worked on the Azure Services like Content Moderation API and Data lake.

## West Corporation

Nov 2017 - Oct 2019

### Software Development Manager

- Currently managing team of 6 Mobile (Android and iOS) Developers.
- Managing one Remote Consultant and one Remote employee as well.
- Working on School Messenger Info Centre App and SDK.
- Exploring Voice Assistant space in Free time.
- Along with Development Manager role I work as Architect for the same application.
- Improving Product/Code Quality is my primary goal.
- Owner of CI/CD stack. Using Jenkins and Groovy.
- Being Dev Manager I have to work closely with QA team, Server Team, Product Manager and Project Manager. This gave me good exposure to overall product domain and other technology Stack as well.
- [School Messenger App](#)

## West Corporation

June 2016- Nov 2017

### Principal/Lead Developer

- Worked as a principal mobile developer for School Messenger, An education group of West Corporation.
- Taking part in Back Log Grooming.
- Providing Initial High-level Estimations.
- Technical Architect.
- Worked on InfoCenterTM. which gives busy, on-the-go parents powerful new ways to stay connected to the school or district. Help parents access critical information on their schedule and on whatever device they choose Mobile Application.
- This application uses RESTful communication.
- Also, application deals with Push Notifications as well
- [School Messenger App](#)

## PMC

August 2013 - March 2016

### Team Lead Mobile Development

- Managed team of 5 other Mobile Developers as well as one cloud engineer.
- R&D for upcoming features. Communicating with Payment Service Providers.
- Worked on a product called Store Enabler. Store Enabler is a unique application that allows retailers to utilize their eCommerce, or other enterprise applications, to deliver an in-store mobile solution.
- Responsible for setting up other development tools for my Teams.
- For customers having an existing mobile app, we have created SDK for Store Enabler using which they can add support for Pay, Scan and Print to their mobile application.
- [Store Enable](#)

## Tamaggo

November 2012 - August 2014

### Sr. Mobile Application Developer

- Worked as Sr. Mobile and Flash Developer.
- Worked Tam File Viewer Application.
- I was a part of them which is Developing a project which based on iOS, Android and Flash (Web) and which connect and sync images from Tamaggo Device devices.
- Application has many domains like Connectivity, OpenGL, WebGL, Sensors of the Device, UI. Since I have long experience with Android and iPhone Application, the team manager has assigned me with Mobile and Flash

application.

- I have gained knowledge of OpenGL and WebGL. As well as It also deals with Android NDK and PaperVision 3D in Flash
- [Tamaggo](#)

## Blackberry

June 2012 - November 2012

### Sr. Mac OS Developer

- Worked on a Mac Desktop Application team.
- Mac Applications CoCoa based Applications.
- iTunes Connection and Data Sync
- USB connection with Application
- Worked with BB10 Link App core team of the same.
- Worked on UI mostly but to combine very domain and making it as a system need to spread my knowledge across the system.

## Gemalto

January 2012 - June 2012

### Sr. Mobile App Developer

- Worked in the R&D department for their Mobile Financial Services Framework/SDK.
- This framework is used for Banking Apps.

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## EDUCATION

### Sardar Patel University, Vallabh Vidyanagar

2010

Master's degree, E Business,

### Sardar Patel University, Vallabh Vidyanagar

2008

Bachelor's degree, Computer Applications,

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## PUBLICATIONS

### Medium Articles

Medium

<https://medium.com/@valaypatel85>

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## RECOMMENDATIONS

### Sally Botross

Dec 2017

#### Senior Product Manager at Symantec

I worked with Valay at SchoolMessenger (West) where he was the team lead for both the iOS and Android teams. Valay is very knowledgeable, understands complex matters and is a strong and goal-oriented team player. He never shies away from a problem and with every problem, he is the first to suggest a solution and collaboratively works to get it resolved. He's not only a great problem solver but is also extremely hardworking and forward thinking. Valay is a great addition to any team and I highly recommend him.

### Carl Eric Codère

Dec 2012

#### Mobile Security Technical Product Manager at Gemalto

Valay knows his technical aspect and is a good addition to any team!! He adds his experience and his knowledge to

achieve the goals that the team has set! Hard working and a good colleague, I highly recommend him as an addition to any team!