

Vinay Kumar Tripathi

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Current Designation/Organisation

Mobile Application Architect @Mahindra Comviva

[Qatar National Bank](#), [Ahlibank](#), [BankMuscat](#), [Mass Mutual Federal Credit Union](#)

LinkedIn Profile: <https://www.linkedin.com/in/vinaytripathi21/>

OVERALL SUMMARY & CURRENT ROLE/PROFILE

Overall **14 years** of vast experience in **Mobile Application Development (iOS & Android)/Project Management/Solution Architect**. Presently working with the capacity of Associate Principal Architect.

Current Roles & Responsibilities:

1. Define the Technical Roadmap and own the entire project delivery end to end.
2. Creation of Software Architecture based on Requirements/Inputs.
3. Coding/Code Review.
4. Daily Stand-up/Scrum and dev Huddle meeting with the team to ensure the timely delivery of the project/service.
5. Improve, Optimise and Identify opportunities for efficient development processes.
6. Integral role in standardising and automating development processes like CI/CD, Unit Testing and Coding reviews.
7. Developed tools and core components and configured these components for fast setup of products as per requirements.

CAREER SUMMARY

- Over **14 years** of extensive IT experience in developing client-server-based applications **Mobile Technology (iOS & Android)**. Majorly expert in developing applications like **IGA Security**, real-estate, eCommerce, academic management, Network Automation, Heavy Traffic based web portals, and Media portals, A leader in managing cross-team efforts through effective and motivating mentoring efforts. **25 + apps live on the iOS Apple Store & Android Store and Banking Domain**, E-Commerce, IGA Security, Expertise in writing Proposals/RFPs/RFIs and presentations, **pre-sales business** documents--**Discovery, Preparation, Demonstration, Request for Proposal (RFP), Marketing assistance, Product management assistance, Proposal assistance.**
- **Core Programming Language:** Objective C , Swift, SwiftUI, RxSwift, MAC OS Programming, Java, Kotlin, React JS, Dart, Augmented Reality, IOT Platform.
- **Sensor data reception and command transmission over Bluetooth Low Energy (BLE), Support for multiple STM32Cube function packs and boards, Available on Android and iOS app stores, Cross-platform user interface and functionality, Based on BlueST-SDK library, Data logging support, Data plotting support, Included serial console (stdout/stdin/stderr) over Bluetooth, Secure pairing (with pin) support, Data publishing on the cloud support**
- **Wi-Fi and Bluetooth-** AirDrop, AirPlay, Apple Pencil, Apple Watch, Continuity features like Handoff and Instant Hotspot, Instant Hotspot, Location Services, Unlock with Apple Watch

- **Backend Experience: PHP, Ruby on Rails, MYSQL, SQL Server, Angular, JavaScript, JQuery and JSON.**
- **3+ Years experience** in React Native, React JS
- **3+ Years experience** in Xamarin Form/Native, **Flutter**
- **1 Year in Outsystems** (Mobile & Web Application)
- **Architecture:** VIPER, MVVM, MVC & MVP.
- **Strong Knowledge Database:** SQLite, Core Data Model, Realm, MySQL, SQL Server
- Good understanding of RESTful APIs, GraphQL and Web Sockets
- Worked on Cloud platforms and tools like Amazon EC2, Amazon RDS, Pivotal Cloud Foundry, Splunk, Swagger. Also development technologies/frameworks like Spring4.0 framework, Spring Boot 1.5, HTML5, and Angular2.0 framework in Java/J2EE environment.
- Established CI/CD environment with tools like Ant, Maven, Jenkins, Bamboo, Jira, Rally and Parasoft framework. Code versioning system like Perforce/ PVCS /CVS/SVN/Bitbucket/GitLab.
- Good knowledge of **Analytics tools** like SPLUNK, Dynatrace, APM, **Google Analytics, Firebase**, and Mix Panel.**Tools and Technologies: Unit Testing**, Especially Test-Driven Development (TDD), MYSQL Server, **JIRA, Jenkins, Git, Appium.**
- Familiarity with **Backend experience Cloud infrastructure, AWS & Azure** for backend hosting.
- Working knowledge of **Agile methodology, Scrum.**
- Audio/Video Streaming app via **Wowza Live Streaming Server.**
- **Knowledge of** Git (Source Tree), SVN(Smartsvn), Tortoise SVN, Apple configurator, Astah (For Creating Sequence Flow Diagram).
- **Bug Trackers:** Redmine, Zoho. Git / Timesheet: JIRA
- Understanding of mobile security protocols, analytics and social channel integration

KEY I.T. SKILLS STACK

Tech/Lang	Version	Years of Exp.
Objective C ,Swift, SwiftyUI, RxSwift, RxCocoa, MAC OS Programming(IOS Application Development)	16 OS iPhone	14
Java, Kotlin (Android Application Development)	11,12,13 OS Android	7
React Native,React JS, Dart, JavaScript, Typescript Outsystems	8	3
React Js, CMS such as Sanity, AEM	16	3

Xamarin Form/Native, Flutter , Outsystems (Mobile & Web Application)		3
JSON/AJAX, HTML/CSS Integration	-	12
Unit Testing (Assert/Mocha/Jasmine/Sinon) Code Coverage (Istanbul) CI/CD Jenkins	-	7
AWS (ELB, RDS, DynmoDb, S3, EC2, SQS, SNS, Serverless Lambda Fn, Cloudwatch, API Gateway, CloudFront, VPC) using aws-sdk & Amazon Console , Microsoft Azurw, Okta Client/Server applications in C++ using Object Oriented Design	-	3

EDUCATION

APJ Abdul Kalam Technological University — MCA- Computer Science - 2005-2008 (Full Time)

C.S.J.M Kanpur, Kanpur University– B.Sc- Mathematics - 2002-2005

WORK EXPERIENCE

1. Working as an **Mobility Architect** in **Mahindra Comviva, Bangalore.** (July 2022 to Till now)
 2. Worked as an **Associate Principal Architect** in **Saviynt Inc, Bangalore.** (Aug 2020 to July 2022).

Worked as a **Mobile Application Architect** in Saviynt Inc. under the Payroll company of **Marlabs LLC, Bangalore.** (Feb 2020 to Aug 2020).
 3. Worked as **Technical Lead** in **Deloitte** under the payroll company of **StrawberryBox Media Pvt Ltd, Bangalore.** (Feb 2019 to 31 January 2020)
 4. Worked as **Technical Lead** in **Capgemini** under the payroll company of **Retail Quotient Research Pvt Ltd, Mumbai** (Dec 2017 to Feb 2019)
 5. Worked as **Sr.iOS Application Developer** in **DB Corp Ltd, Noida** (May 2014 - Dec 2017).
 6. Worked as **Sr.Software Developer (iOS Developer)** in **Kleward Consulting Pvt Ltd, Noida** (July 2012 - May 2014).
 7. Worked as a **Software Developer (iOS Developer)** in **Damyant Software Pvt Ltd, Noida** (Jan 2009 - June 2012).
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BEST PROJECTS UNDERTAKEN

Project @Mahindra Comviva

1- QNB Pay Wallet

[Qatar National Bank](#)

Apple Store

<https://apps.apple.com/us/app/qnb-pay-wallet/id1621014635>

Android Play Store

[https://play.google.com/store/apps/details?id=com.qnb.digitalpay.consumer&hl=en_IN
&gl=US](https://play.google.com/store/apps/details?id=com.qnb.digitalpay.consumer&hl=en_IN&gl=US)

QNB Pay Wallet is the latest and most innovative product of QNB. The app offers its customers as well as non-QNB customers a convenient payment tool. Residents and citizens can benefit from it by downloading and registering the wallet using their QID and mobile number while visitors can register using their passport and mobile number. The product offers a variety of functions including transfers between two individuals, payments using Quick Response (QR) codes and payments to merchants. QNB Pay Wallet is also linked to Qatar Mobile Payment system (QMP), making it a more convenient and fast payment method. For more information, please visit qnb.com

2- QNB Merchant Wallet 4+

[Qatar National Bank](#)

Apple Store

<https://apps.apple.com/us/app/qnb-merchant-wallet/id1621020315>

Android Play Store

[https://play.google.com/store/apps/details?id=com.qnb.digitalpay.merchant&hl=en_IN
&gl=US](https://play.google.com/store/apps/details?id=com.qnb.digitalpay.merchant&hl=en_IN&gl=US)

Merchant wallet is the latest and most innovative product of QNB. The app offers QNB and Non-QNB merchants a convenient payment acceptance tool. Merchant can benefit from it by downloading and registering the wallet using their QID, mobile number and company registration documentations such as Commercial registration (CR). The product offers a variety of functions including payment acceptance for both "Person to Merchant" and "Merchant to Merchant" including Quick Response (QR) codes. Linked to QMP system, Merchant wallet is a convenient and fast payment method. For more information, please visit qnb.com

3- QNB Virtual Card 4+

[Qatar National Bank](#)

Apple Store

<https://apps.apple.com/us/app/qnb-virtual-card/id1640456747>

Android Play Store

[https://play.google.com/store/apps/details?id=com.i2c.mcpcq.qnbV32&hl=en_IN
&gl=US](https://play.google.com/store/apps/details?id=com.i2c.mcpcq.qnbV32&hl=en_IN&gl=US)

The application for the QNB FIFA Qatar World Cup 2022 Virtual Cards.

4- Ahlibank Personal Mobile App 4+

[Ahlibank](#)

Apple Store

<https://apps.apple.com/us/app/ahlibank-personal-mobile-app/id937290482?platform=iPhone>

Android Play Store

https://play.google.com/store/apps/details?id=com.ahlibank.personal&hl=en_IN&gl=US

Bank on the move with Ahlibank secure Personal Mobile Banking. Our specially designed app for iPhone and iPad, allows you to safely manage your accounts when you are away from your computer.

You can make:

Local and international transfers

Pay your bills

Access your account statements and much more

To log on to this app, you must be an Ahlibank Online Banking customer.

5- Ahlipay Merchant 4+

[Ahlibank](#)

<https://apps.apple.com/us/app/ahlipay-merchant/id1554065646>

Automate manual processes, minimise cash handling cost and avoid the risks in tracking sales records. You can benefit from all the usual protections and fraud tools, and, whenever necessary, remotely lock the wallet. No Point of Sale terminal is required, it enables employees, contractors or customers to benefit from the ease, convenience and trust of mobile wallet payments.

With Ahlipay Merchant you can:

Generate QR codes

Real time collection

Low maintenance cost

Instant refund

And much more.

6- BankMuscat 12+

[BankMuscat](#)

<https://apps.apple.com/om/app/bankmuscat/id763499293>

BankMuscat Mobile banking allows BankMuscat single account holders (joint accounts and corporate accounts are not eligible) to access their accounts from their mobile device. Customers can check their account balances, pay bills and transfer funds between their accounts as well as other accounts within Oman and internationally 24 hours a day, 7 days a week. The mBanking application is compatible with Apple phones and can be downloaded from the apple stores.

7- bm Wallet 4+

[BankMuscat](#)

<https://apps.apple.com/om/app/bm-wallet/id1259125558>

8- bm merchant 4+

BankMuscat

<https://apps.apple.com/om/app/bm-merchant/id1488253237>

9- Meethaq Mobile Banking 4+

BankMuscat

<https://apps.apple.com/us/app/meethaq-mobile-banking/id764429903>

Project @ Marlabs Inc & Saviynt Inc

1- Saviynt

Saviynt Security Manager

Saviynt Inc.

Apple Store

<https://apps.apple.com/us/app/saviynt/id1444909816>

Android Play Store

https://play.google.com/store/apps/details?id=com.saviynt.mobileapp&hl=en_IN&gl=US

Simplify Identity Governance with Saviynt Mobile App

Saviynt delivers an intelligent Identity Governance and Administration (IGA) solution that enables your organisation to effectively manage risk, address continuous compliance needs and securely adopt cloud technologies with confidence. Saviynt's completely managed and flexible IGA-as-a-Service platform ensures a worry-free adoption of Identity Management and Governance services such as user lifecycle management, access request, certification and SOD management.

Managing access to your critical assets is easier than before with Saviynt mobile app. The mobile app brings the power of identity and access governance to your phone with intuitive user experience to perform the following activities:

- Submit access requests to applications
- Check status of your access requests
- View your access
- Approve requests
- Certify access
- Gain visibility with reports and dashboards

2- MassMutual FCU 4+

Mass Mutual Federal Credit Union

Available in Both Apple Store & Android Play Store

<https://www.massmutual.com/lp/massmutual-account-login>

<https://apps.apple.com/us/app/massmutual-fcu/id445673318>

With the MassMutual FCU mobile banking app you can check your balances, view transaction history, transfer between accounts, pay your bills, view and activate your cash back offers, find MMFCU's contact information and find a surcharge free ATM. You're on the go with MMFCU's mobile banking.

To learn how we protect your privacy, please visit <http://www.massmutualfcuhb.org/home/info/policies>

3- Northwestern Mutual 4+

Northwestern Mutual

<https://apps.apple.com/us/app/northwestern-mutual/id1132579006>

Access Northwestern Mutual accounts and stay on top of your finances on the go.

The Northwestern Mutual app allows you to:

- See historical performance and transactions of your Northwestern Mutual investment accounts
- See details of your Northwestern Mutual insurance policies
- Make premium payments for NM Life, Disability & Long-Term Care plans
- Enroll in autopay and never miss another premium payment
- Get contact information for your NM financial team
- Link all your accounts, such as banking, credit cards, retirement, investment and loans into one centralized location
- Categorize and monitor your financial transactions to see where your money is going
- View and track your total net worth
- Securely and quickly access your account with Touch ID or Face ID

We will continue to improve our app and add new features that will make managing your finances even easier. As we expand our mobile offerings, we look forward to hearing your

4- Lincoln Financial Mobile 4+

Lincoln Financial Group

<https://apps.apple.com/us/app/lincoln-financial-mobile/id929733141>

Stay on track with your financial goals using Lincoln Financial Group's mobile and Apple Watch apps. Get easy access to retirement account balances, recent transactions and your retirement income estimate. Using the mobile app, you can also download forms and explore helpful videos, calculators and other financial resources. Visit www.LincolnFinancial.com for additional information.

5-HSA Bank Mobile

Webster Bank®

<https://apps.apple.com/us/app/hsa-bank-mobile/id867117986>

Save time and hassles while making the most of your HSA, HRA, and FSA health benefit accounts by quickly checking your balances and details. Our secure app makes managing your health benefits easy through real-time access and intuitive navigation to all your important account information on the go! Powerful features of the app include:

Easy, Convenient & Secure

- Simply login to the intuitive app using your same health benefits website username and password (or follow alternative instructions if provided)
- No sensitive account information is ever stored on your mobile device

Provides Additional Time-Saving Options (if supported or applicable to your account(s))

- File a claim towards your medical FSA and HRA
- Take or upload a picture of a receipt and submit for a new or existing claim
- View, contribute and distribute HSA transactions
- Pay bills from any account and add a payee
- Using the Dashboard, enter medical expense information and supporting documentation

6-Citrix Workspace

<https://apps.apple.com/us/app/citrix-workspace/id363501921>

Citrix Workspace app lets you access your SaaS, web apps, mobile, virtual apps, files, and desktops to help you be as productive on the go as you are in the office. If your company uses Citrix, you have the freedom to work on your favourite device from wherever you are. Just ask your IT department how to get started.

<https://www.royalcaribbeangroup.com>

<https://www.tuicruises.com/#tui-modal>

Projects @ Strawberry Box Media Pvt Ltd

Product on SaaS based platform and ensured the security and availability of **PHI** to maintain the trust of practitioners and patients. IoT Backend design w/ AWS solution to send and receive and parse sensor data over AWS cloud solution. **HIPPA compliance.**

Phone Management , Kiosk Check-in, CRM Dashboard, Insurance Verification, Voice Assistance, IVR.

Using Tools:- Twilio, IBM Watson, AWS Connect.

Projects @ Redquanta Pvt Ltd

Apple Store URL

<https://itunes.apple.com/in/app/redquanta/id657364708?mt=8>

Play Play Store URL

https://play.google.com/store/apps/details?id=com.innovative.redquanta&hl=en_IN

Projects @ Redquanta Pvt Ltd

Apple Store URL

<https://itunes.apple.com/in/app/redquanta-business/id1119955607?mt=8>

Android Play Store URL

<https://play.google.com/store/apps/details?id=com.innovative.redquantaclient>

Projects @ Dainik Bhaskar Group (Media Platform)

Apple Store URL

<https://itunes.apple.com/in/app/dainik-bhaskar-for-iphone/id782321678?mt=8>

Android Play Store URL

https://play.google.com/store/apps/details?id=com.ak.ta.dainikbhaskar.activity&hl=en_IN

Projects @ Dainik Bhaskar Group

Apple Store URL

<https://itunes.apple.com/in/app/divya-bhaskar-for-iphone/id782332038?mt=8>

Android Play Store URL

https://play.google.com/store/apps/details?id=com.ak.ta.divya.bhaskar.activity&hl=en_IN

Project @ FullPower Client

Sleeptracker (Sleeptracker Hardware Required) **This App for iOS App & MACOS**

<https://apps.apple.com/us/app/sleeptracker/id1039995476>

Projects @ Vimo Labs Inc (sleep Tracker ++)

Sleep Tracker ++, also known as SleepMatic, automatically tracks your sleep from your Apple Watch like Fitbit.

Apple Store URL

<https://apps.apple.com/in/app/sleep-tracker/id1179236591?platform=appleWatch>

Projects @ Kleward Consulting Pvt Ltd.

Dollar Shave Club:- Dollar Shave Club couldn't be simpler. Join the millions who get amazing Dollar Shave Club razors and grooming supplies delivered for just a few bucks a month.

Apple Store URL

<https://itunes.apple.com/us/app/dollar-shaveclub/id938309296?mt=8>

Birchbox:- Shop gifts and favorites, get style ideas and inspiration, and more. Track and customize your monthly box.

<https://itunes.apple.com/us/app/birchbox/id715027700?mt=8>

AAMC Training App:- AAMC Training Group's app is for on-the-go learners who want to study at their own pace.

<https://itunes.apple.com/lk/app/aamc-training/id625306683?mt=8>

Projects @ Damyant Software Pvt Ltd.

AnyList App

<https://itunes.apple.com/us/app/anylist/id522167641?mt=8>

CareCredit Mobile App

<https://itunes.apple.com/us/app/carecredit-mobile-app/id1031312446?mt=8>

Farmers Insurance Inc: View your policy, Access policy and billing documents, view your insurance ID cards, browse exclusive editorial content and more

<https://itunes.apple.com/us/app/ifarmers/id373431224?mt=8>