

Core Competencies:

- Android, iOS, Internet of Things (IoT)
- Java/J2EE, MySQL, SQLite
- Agile / Scrum, Waterfall methodologies.
- RFC and SOW documentations.
- Feasible proposals or solutions.
- Estimate and story pointing.
- Functional and use cases identification.
- Architectural design, development and coding.
- Testing and debugging.
- Test Driven Development.
- Analysis on possible PoC and PoV.
- Quick learner and individual contributor.
- Excellent problem solving, decision making.
- Exploring latest technologies, self-learner.
- Paper presentation and patent submission.
- Open Source and Stack Overflow contributor.

Gokul Nath KP

Bangalore, India.

gokulnath.kpgn@gmail.com

+91 9945843700

Total Experience: 7 Years, 1 Months

Organization	Duration	Designation
Mindtree, Bangalore	January 2018 to Present	Technical Lead
Infosys, Bangalore	July 2017 till January 2018	Technical Consultant
Hewlett-Packard Enterprise, Bangalore	August 2014 to July 2017	Svc Info Developer II
Symphony Teleca, Bangalore	June 2011 to July 2014	Software Engineer

Technical Skills:

Technology Stack	Android (Java), iOS (Swift), Java/J2EE, Web Service (RESTful)
Framework/Library	Butter Knife, Picasso, Retrofit, Otto, Event Bus, OkHttp, Dagger, Chuck
Webservers	Apache Tomcat, Apache TomEE
Database	SQLite, Firebase DB, MySQL, MS SQL Server
IDEs	Android Studio, Eclipse, NetBeans, Xcode
Software / Tools	MS Office, MS Visio, Bug Zilla, TFS, HP ALM, JIRA, HP Fortify, IBM App Scan
Automation / Distribution	Jenkins, Appium, CircleCI, TravisCI, SonarQube, HockeyApp, MS App Center
Testing Frameworks	Robolectric, Mockito, JaCoCo, Junit, Espresso
Source Control	GitHub, Git, VSS, SVN, Star Team, Mercurial, TFS
SDKs	Facebook SDK, Firebase SDK, Jumio SDK, Pay Pal SDK, Card IO, Android Pay
Domain	Mobility, E-Commerce, Retail, Airline, IoT, Product Development
Devices	Mobile, Tablet, Smart Watch, Google Glass, Android Auto
Cloud Platforms	Amazon Web Services (AWS) – EC2
Analytics Platforms	Google Analytics, Firebase Analytics, Dynatrace, Adobe Omniture, Fabric IO

Academic Qualification: B. Tech – Information Technology, PSG College of Technology, with CGPA 6.96 (scale of 10) in 2011.

Career Highlights:

- Demonstrated “**Smart Pass**”, using Smart Watch as boarding pass for United Airlines customers.
- Won 2nd prize in **Microsoft Windows Hackathon**, held in HPE, Bangalore.

Innovations, Patent Submission and Paper Presentations:

- Filed for patent on seven topics:
 - Intelligent Visual Assistant
 - Achieving Preventative Maintenance Using Predictive Analytics
 - Deterministic Input Frequency Variation Mapping (DiFVM)
 - Comprehensive Emergency Notification System Based On User Geo Location
 - Generic identity Monitor (GiM)
 - Smart Vehicle Collision Monitor
 - Achieving Ambient Intelligence using Smart Interaction Server
- Paper presentation at **HP Technical Conference '15**, held at Phoenix, Arizona, US.

Visa and Passport Details:

Passport Number	G9654657		Expiry 2018
USA Visa	B1/B2	Business	Expiry 2025

Additional Details:

Languages Known	English, Tamil (Read and Write)	Date of Birth	April 13, 1988
Hobbies	Photography, Chess, Volleyball, Football, Ethical Hacking & Security		

Mobile Apps and Open Source Contributions:

App Name	Domain	Play Store Link
Aeroplan	Airlines	https://play.google.com/store/apps/details?id=com.aimia.aeroplan
United Airlines	Airlines	https://play.google.com/store/apps/details?id=com.united.mobile.android

Google Play Store: <https://play.google.com/store/apps/developer?id=Gokul%20Nath%20KP&hl=en>

GitHub: <https://github.com/gokulnathperiasamy?tab=repositories&type=source>

Stack Overflow: <https://stackoverflow.com/users/2147481/gokul-nath-kp>

Linked IN: <https://www.linkedin.com/in/gokulnathperiasamy>

Project Information:

January 2018 – Present	HMR Weight Management System – (Mindtree)
<p>HMR mobile application can be used to track different weight management programs that combine a structured diet, physical activity, and lifestyle-change coaching.</p> <p>Roles and Responsibilities:</p> <ul style="list-style-type: none">○ Lead a team of six members in agile methodology.○ Involve in grooming, planning and estimation. Report to product stake holders and VP of sales from HMR.○ Implemented offline support. Worked on SyncAdapter, Content Provider, Services and Authenticator.○ Integrated Salesforce SDK for SmartStore and SmartSync implementation.○ Zero defect delivery and high performance application, using Android material design.	
July 2017 – January 2018	Adidas India – (Infosys)
<p>Adidas India, is a native mobile application, which allows customers to purchase sports apparels using mobile device. The application can also be integrated with smart watch to view daily activity details.</p> <p>Roles and Responsibilities:</p> <ul style="list-style-type: none">○ Lead a team of five members in agile methodology.○ Involved in proposal phase, product architecture and design phase.○ Integrated with Android smart watch, to view daily activities on mobile application.○ Integrated with Circle CI for continuous integration.○ Integrated Firebase analytics, cloud messaging and Crashlytics (Fabric IO).	
November 2015 – July 2017	Aeroplan AIMIA – (Hewlett Packard Enterprise)
<p>Aeroplan is Canada's premiere loyalty coalition program offering its members mobile flight search and booking, premium travel rewards, places to earn miles and more.</p> <p>Roles and Responsibilities:</p> <ul style="list-style-type: none">○ Lead a team of three members in agile methodology.○ Implemented Save to Android Pay, Flight search, Account and Membership module.○ Worked on fare lock and push notification modules. Integrate Dynatrace and Adobe Omniture.○ Setup DevOps model using SonarQube and Jenkins build process. Kept code coverage at 97%.	

April 2015 – October 2015	United Airlines – (Hewlett Packard Enterprise)
<p>United Airlines, is a native Android application, which allows the user to track the flight status, reservation details, passport information, boarding pass, membership information and other travel details on the mobile device.</p> <p>Roles and Responsibilities:</p> <ul style="list-style-type: none">○ Developed QR code functionality, used to collect the boarding pass.○ Developed wearable app, to check the PNR status.○ Integrated Facebook SDK and Single Sign On.	
August 2014 – March 2015	Smart Interaction Server – (Hewlett Packard Enterprise)
<p>SIS, is an IOT project, to connect multiple devices and platforms. Provides analytics and takes preventative action.</p> <p>Roles and Responsibilities:</p> <ul style="list-style-type: none">○ Implemented push notification based on geo location module.○ Implemented Zero Knowledge Privacy standards.○ Automated cell tower activities using SIS.○ Filed for patent titled “Achieving Ambient Intelligence using Smart Interaction Server”.	
January 2013 – July 2014	miStore – (Symphony Teleca)
<p>miStore, a Mobile POS developed using native Android, operate on the network like any other POS system.</p> <p>Roles and Responsibilities:</p> <ul style="list-style-type: none">○ Implemented basket and check-out module.○ Implemented PUSH notification, for order, receipts and coupons.○ Implemented Zero Knowledge Privacy standards.○ Implemented fuzzy search algorithm for product search.	
June 2011 – December 2012	Retail J – (Symphony Teleca)
<p>Retail-J is an integrated, web-enabled suite of in-store and central applications suited to the needs of retailers.</p> <p>Roles and Responsibilities:</p> <ul style="list-style-type: none">○ Developed POS sale functionality using Serial Numbers/IMEI.○ Defect management and bug fixes.	