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Product Architect
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Experience Summary:

- Having a total of 9+ years of experience in mobile application development and Mobile Unit/Automation testing.
- Having 4+ years of experience in hybrid mobile application development using Flutter framework.
- Having experience in Bluetooth mobile application solutions
- Having experience in building mobile app solutions with Bluetooth mesh network technology (using silabs ADK) (<https://www.bluetooth.com/blog/introducing-bluetooth-mesh-networking/>)
- Having experience in building mobile applications with RFID scanning solutions
- 4 Years of Scrum master and Agile experience.
- Having experience with Firebase and Appwrite (<https://appwrite.io/>) serverless services integration.
- Android Developer **Nanodegree** certified from Udacity/Google (<https://confirm.udacity.com/UM3LHC4N>)
- Proven debugging skills to solve issues in the short time
- AIML Practitioner into NLP and Computer Vision
- Having experience in Android Wear application development.
- Understanding of Business Requirement, Design, Development of the complete modules.
- Hands on experience in design and coding experience for Android mobile platform.
- Automation experience (end-end) using Android UIAutomator tool, MonkeyRunner, Cucumber (Gherkin)
- Having Hands on experience in Automation Testing Support Library (Espresso, AndroidJUnitRunner, UIAutomator) provided by Android SDK
- Android Unit testing using frameworks JUnit, Mockito, Powermock and Roboelectric
- CI/CD Pipeline jobs for integration and deployment
- Involving in preparing FRS and Design documents.
- Responsible for creating the technical specifications, estimations.
- Specialized in coding light weight mobile applications
- Having working experience in Phonegap with Javascript , Kendo UI and JQuery mobile
- Troubleshooting and bug fixing. Ensuring their timely closure.
- Understanding business requirements and providing solutions
- Involved in managing the team and conducted training sessions for android mobile platforms.
- Experience in mobile applications User Interface design.
- Quick learner and team Player with good analytical skills.
- Experience in **Android Things** (Deprecated) IoT platform

Educational Qualification:

- MCA from K.G.R.L Degree College, Bhimavaram from Andhra University in 2011 with 7.8 CGPA points
- B.Sc from S.V.K.P. & Dr.K.S.Raju Arts & Science College from Andhra University in 2008 with 62%
- Post graduation in Artificial Intelligence and Machine learning from Great lakes and US Austin university (<https://olympus1.mygreatlearning.com/certificate/MLYUUFHR>)

Technical Summary:

Operating System	Windows, Mac, Ubuntu
Languages	J2SE, Dart
Mobile Platforms	Android
Frameworks	Android SDK, Flutter Framework

Database	MySQLite, MySql
Web Essentials	HTML5, CSS, XML,JSON
Scripting Languages	Java Script,
IDE's	Eclipse, IntelliJ, Android Studio, VSCode
Build Tools	ANT, Gradle
Packages	Adobe Photoshop
Versioning Tools	GIT, SVN
Testing Automation Tools	Espresso, Gorilla Monkey talk, Robotium, Monkey Runner,UI Automator, Cucumber

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Work Experience:

- Working as Product Architect at Signify innovations India (Formerly known as Philips lighting)
- Worked as Senior Programmer Analyst at Techjini Solutions Pvt Ltd, JP Nagar, Bangalore since March 2015 till March 2019
- Worked as a Android mobile application developer in Philips India Pvt Ltd, PIC (from Collabera Technologies & Randstad India) at Bangalore since November 2012 to till March 2015

Project details:

Current Project: Flutter mobile application with Bluetooth Mesh platform

Working on an application that works with Bluetooth mesh (silabs Bluetooth mesh) technology for networking in the IOT industry.

This application developed using Flutter framework for both Android and iOS platform.

Title : Mobile App to networking using Bluetooth Mesh
Client : Confidential
Team Size : 3
Role : Product Architect
Duration : Oct 2019 – till date
Software Environment : Flutter, Dart, Android
Tools : Android Studio, VS Code

Project - 1:

Title : Hike
Client : Hike Messenger App
Team Size : 3
Role : Lead
Duration : May 2017 – March 2018
Software Environment : Java ,Android, Junit
Tools : Android Studio, Roboelectric, Mockito, Powermock, Espresso, UI Automator

Description:

Hike Messenger (stylized as hike) is a cross-platform instant messaging service for smartphones that uses the internet for communication.

We are a three member team sourced at Hike for development/ UNIT testing modules. We are responsible for the code quality and refactoring.

Responsibilities:

- Involved in unit/automation test case development
- Responsible for bug free code
- Reviewing the test cases

Project - 2:

Title	: Fortr3ss Bio authentication
Client	: Fortr3ss
Team Size	: 1
Role	: Lead
Duration	: Jan 2017 – May 2017
Software Environment	: Java ,Android

Description:

Fortr3ss is a revolutionary voice identification and password management ecosystem that uses the human voice (the most intuitive biometric), to store, create, and manage passwords, id's, payments, and more. We developed an android application that provides two way authentication to login to windows machines.

We had another team responsible for creating .Net application to installed in windows machine using PGNA service.

When a user tries to login to the machine, the user has to provide bio auth from the android application.

Responsibilities:

- POC on Authenticate SDK and App
- Responsible for bug free code
- Writing test cases code

Project - 3:

Title	: Dailyhunt
Client	: Verse
Team Size	: 10
Role	: Senior Software Engineer
Duration	: Feb 2016 – Jan 2016
Software Environment	: Java ,Android

Description:

Dailyhunt (Formerly Newshunt) provides latest news in English, Hindi, Tamil, Malayalam, Kannada, Telugu, Marathi, Bangla, Gujarati, Urdu, Oriya & Punjabi from leading newspapers of India. Get breaking news, daily news videos, headlines & updates on politics, sports, business, Bollywood & entertainment, technology & automobile. Stay updated with trending news & LIVE cricket score on India's best news app. Also, read magazines & free books.

Responsibilities:

- Development responsibilities
- Responsible for bug free code
- Code reviews

Project - 4:

Title	: Pianta (Acquired by GO-ZEK)
Client	: SLX Logistics pvt Ltd
Team Size	: 4
Role	: Senior Software Engineer
Duration	: Aug 2015 – Jan 2016
Software Environment	: Java ,Android

Description:

Pianta is a mobile platform that connects customers with service providers in realtime. Pianta's mission is to connect trusted home health care providers with consumers & create a compelling experience for consumers/healthcare providers.

<http://www.thehindubusinessline.com/companies/gojek-acquires-bengaluru-based-startup-pianta/article9153631.ece>

Responsibilities:

- Development responsibilities
- Responsible for bug free code
- Code reviews

Project - 5:

Title	: HELPCCHAT (now Tapzo)
Client	: Akosha
Team Size	: 2
Role	: Software Engineer
Duration	: Apr 2015 – Aug 2015
Software Environment	: Java ,Android

Description:

A chat-based personal assistant app that helps you get more things done. With this application you can chat with any company listed for any query. You can order food from this application. You can search for any need like railway enquiry, movie tickets, etc

<https://play.google.com/store/apps/details?id=com.akosha.directtalk&hl=en>

Responsibilities:

- Involved in Design and Development

- Responsible for Unit Test
- Review the code
- Involving in UI design and implementation

Project - 6:

Title	: PHILIPS Gopure
Client	: PHILIPS Shanghai
Team Size	: 6
Role	: Developer
Duration	: Oct 2014to March 2015
Software Environment	: Java ,Android

Description:

Philips Electronics India Limited, a subsidiary of the Netherlands-based Royal Philips Electronics, is the leading Lighting, Health and Wellbeing Company.

Philips GoPure is Air cleaning system in car. We are working on mobile application to user control the device.

Responsibilities:

- Involved in Development
- Responsible for Unit Test
- Review the code
- Involving in UI design and implementation

Project - 7:

Title	: PHILIPS Hue Automation Testing
Client	: PHILIPS
Team Size	: 2
Role	: Developer
Duration	: June 2013 to till March 2015
Software Environment	: Java ,Android and JavaScript

Description:

Philips Electronics India Limited, a subsidiary of the Netherlands-based Royal Philips Electronics, is the leading Health and Wellbeing Company.

One of the Philips Lighting Innovation products is Hue, the personal wireless lighting.

The Hue is the prestigious product from Philips Lighting and the only team is working from PIC, Bangalore

The Philips Hue light bulbs are the Internet of Things made real: multi colored light bulbs with network connectivity and cloud control.

The Automation for this project is very important to us because we have almost 2000 above test cases. Previously we spent so much manual effort testing via Manual Testing and also we have Android and ios Applications. So around one year back we started Automation for this Hue Application.

We did research for tool identification for which one will be suitable for cross platform (both Android and ios) and we identified some tools and started working on that.

Now we are on Good track.

<https://play.google.com/store/apps/details?id=com.philips.lighting.hue&hl=en>

Responsibilities:

- Involved in Test Scripts Design and Development
- Responsible for Report
- Preparing the Test Cases and Developing Functional test Scripts
- Review the code
- Involving in complete end to end Automation for Hue application

Project - 8:

Title	: PHILIPS Hue Android SDK
Client	: PHILIPS India
Team Size	: 4
Role	: Application Developer
Duration	: Nov 2012 to Jan 2015
Software Environment	: Android

Description:

Philips Electronics India Limited, a subsidiary of the Netherlands-based Royal Philips Electronics, is the leading Health and Wellbeing Company.

One of the Philips Lighting Innovation products is Hue, the personal wireless lighting.

The Hue is the prestigious product from Philips Lighting and the only team is working from PIC, Bangalore

The Philips Hue light bulbs are the Internet of Things made real: multi colored light bulbs with network connectivity and cloud control.

Android Hue SDK for third party developers to develop their mobile applications using Hue product. By using this SDK anybody can develop their mobile/tablet applications according to their requirements.

<https://github.com/PhilipsHue/PhilipsHueSDKAndroid>

Responsibilities:

- Involved in java and android development
- Analyzing the FRD's
- Preparing the Test Cases and Developing Functional test Scripts
- Review the Functional Test Scripts
- Bug fixing from trac tool
- Automating Functional Test Scripts
- Complete end to end Automation for Hue application(Smoke and System Testing)

Project - 9 :

Title	: PHILIPS Lighting Survey App
Client	: PHILIPS India

Team Size : 3
Role : Application Developer
Duration : Feb 2013 to April 2015
Software Environment : Phone Gap (Cordova) and Kendo UI

Description:

This is a Survey application which is used internally by PHILIPS organization to do surveys on their lighting Domain.

Responsibilities:

- Involving in Cordova Plugin development
- KENDO UI design
- JavaScript and CSS
- Phonegap and Kendo UI Integration

Project - 10:

Title : Food Review Application for Sodexo
Client : PHILIPS India
Team Size : 3
Duration : Nov 2012 to Feb 2014
Role : Application Developer
Software Environment : PhoneGap, JQuery and Slim

Description:

We developed this application for tablet and mobile to provide the rating for cafeteria food. We fixed this solution (tablet application) in Cafeteria and we have another application for the dashboard that displays the ratings/graphs.

Responsibilities:

- Phonegap integration for Android
- JQuery mobile UI design for client application
- JavaScript and CSS
- HTML5 local storage and cross domain Implementation