NIVA DAS – Android Application Developer

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| **Experience Summary** |

* Having 4+ years of relevant experience in all phases of Android applications design and development in the IT industry.
* Good understanding of design, development and deployment environment for Android mobile device apps.

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| **Technical Skills** |

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| Platform/Tools | Android, ADT |
| Database | SQLite (Room), Realm |
| Languages | Kotlin (1.5 years), Java (3 years), XML |
| Architecture Pattern | MVVM, MVP |
| Others | FCM, Retrofit, Dagger, Hilt, Google Map, Git etc |

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| **Professional Experience in Android** |

**Software Engineer at Agreeya Solutions (India) Pvt. Ltd. Sep 2021 to Present**

Employment Type: Contract basis for Deloitte India

Development environment:

Language: Kotlin

Architecture: MVVM

Database: Room

Others: FCM, JUnit, Hilt, LiveData, Git

**Project**:

**BGE-ISUM:** Exelon gas and electric service online booking process can be started, stopped and moved using this application. This app is to facilitate contactless service for customers who are interested to start, stop or move (into another service area) service.

Project Activities:

* Developing functionality, API call and UI following best practices
* Involved in Application design.
* Active participation in Sprint process, and following Agile methodology

**Software Engineer at Byteridge Software Pvt. Ltd. June 2016 to May 2018**

Development environment:

Languages: Java, Kotlin

Architecture: MVP, MVVM

Database: Realm

Others: FCM, Crashlytics, AES & RSA algo, Dagger, Retrofit, Third-party libraries

**Projects**:

**Truest**: Employee/Resource sharing management app with other companies.

(Developed in Kotlin. It is Available in Google playstore.)

**Cashe**: Digital Money lending app within short time approval and for short time.

**GiftMyLegacy**: To save and secure family property digitally along with proprietor details, with whom it may concerns.

Project Activities:

* Requirement analysis, application Design and Development.

**Software Engineer at Kellton Tech Sol. Ltd. January 2015 to May 2016**

Development environment:

Languages: Java

Database: SQLite

API: REST

Others: libyuv library with NDK, Audio and Video properties, GCM, SVN

**Projects**:

**Maitree**: Educational app for Mother and Newborn care.

**OneAssist**: App to provide security to your digitally saved documents.

**IVX**: Online video capturing, streaming and monitoring app to secure a place.

Project Activities:

* Application Design, Development and Deployment.

**Android App Developer at Verity Info. Sol. January 2014 to January 2015**

Development environment:

Languages: Java

API: SOAP

Database: SQLite

Others: Bluetooth communication, Google map, Bar & QR code reader with library

**Projects**:

**VerityIMS**: Institution management system for attendance, exams, video classes.

**TridentAuto**: Online Car servicing scheduling app with area and servicing choices.

**MenuOrder**: Online food ordering and serving app within the campus of the Restaurant. Order will be placed w.r.t. a table number and food will be served on that particular table.

Project Activities:

* Requirement analysis and design of technical specifications.
* Application Design, Development and Deployment.

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| **Education** |

* M. Tech (IT) from University of Calcutta, 2008-2010
* B. Tech (IT) from West Bengal University of Technology, 2001-2005

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| **Other Experience** |

* Assistant Professor in Calcutta Institute of Engg. and Management, 2010- 2013
* High School Teacher (Higher Secondary) in Tirthapati Institution, 2006-2008

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| **Publication** |

* ‘A Cluster Based Multi-Radio Multi-Channel Assignment Approach in Wireless Mesh Networks’

(CNC2011,Bangalore, Mar'10-11,2011.CCIS 142,pp.487-491,2011. ©Springer)

* ‘Survey on Host and Network Based Intrusion Detection System’

(IJANA Volume: 6 Issue: 2 Pages: 2262-2265 (2014) ISSN : 0975-0290)

* ‘Exploring Web of Things with Embedded Devices’

(IJANA Volume: 07 Issue: 03 Pages: 2719-2723 (2015) ISSN: 0975-0290)

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| **Achievements** |

* GATE qualified in 2008 and UGC NET qualified in 2012