**Resume**

**Personal Information**

**Name**: Prakash Ramachandran **Contact**: +919019370800, 6541235632

**Total Years of Experience**: 8 Years 6 Months **Email**: [itechprakash@gmail.com](mailto:itechprakash@gmail.com), [hhfa.fhfhd@gmail.com](mailto:hhfa.fhfhd@gmail.com)

Gender: Male, Pan: HJYUI4563R, Passport: E789632, Dob: 17 jan 1985

**Objective**

To obtain a position with a well-established organization where I can use my strong java skills to solve complex problems and make a positive contribution to organization.

**Experience Summary**

* Total 8+ years of extensive experience in architecture, design and development of web based and mobile based applications for different domains like Telecom, Pharma, Insurance etc.,
* 3+ years of relevant experience in designing and implementing enterprise applications using JSP, Servlets, Struts Framework
* 5+ years of relevant experience in designing and implementing mobile based applications using J2ME, Android and Blackberry
* Solid background in Object-Oriented analysis and design. Very good at various Design Patterns, Data structures and algorithms
* Good knowledge in Android concepts like Activity, Intent, Services, Broadcast receivers, Content Providers, SQLite, Android UI components.
* Excellent problem-solving, analytical and troubleshooting skills. Ability to work with minimum guidance and communicate technical concepts clearly and effectively to team.
* Nearly 1 year of experience in leading team and have strong interpersonal skills
* Managed and supported multiple partners like Fring, LINE, WeChat etc., and solved their technical issues in quick turnaround time

**Technical Skills**

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| --- | --- |
| **Title** | **Description** |
| Languages | Java, J2ME, Android, JSP, Servlets |
| Scripting | XML |
| Frameworks | J2EE, MVC, Struts, JUNIT, LWUIT, Log4j |
| Web services | SOAP, JSON |
| Tools | Ant, Maven, SVN, Eclipse, NetBeans, Git |
| Mobile Platforms | Series 40, Nokia Asha, Android, Blackberry |
| OS/Servers | Windows, IBM WebSphere, Apache Tomcat |
| Database | MySQL, JDBC |

**Employment History**

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| --- | --- | --- |
| **Employer Name** | **Designation** | **Duration** |
| Nokia India Pvt Ltd | Senior Software Engineer | April 2013 – till date |
| Sasken Communications | Senior Engineer - Software | March 2010 – April 2013 |
| Envision Mobility Solutions | Senior System Engineer | July 2008 - March 2010 |
| E4E Business solutions | Software Developer | Feb 2006 - July 2008 |

**Education Details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **College/University** | **Degree** | | **Specialization** | **Duration** |
| **Anna University** | **B Tech - Bachelor of Technology** | **Information Technology** | | **June 2001 - April 2005** |

**Project Details**

**1. Nokia X and Nokia Asha SDK Development**

Nokia X is a customized platform built on the Android Open Source Project (AOSP), the software stack upon which some of the most popular smartphones in the world are based. Nokia X lets you leverage your existing Android apps, while taking advantage of Nokia’s optimizations to help you grab more downloads and generate more revenues in targeted markets.

Key Achievements:

* Lead the Fring application development team from design to delivery by providing technical assistance and solving key issues.
* Solved OOM error during video play by implementing dual player which plays small chunks of video without any flicker.
* Integrated VoIP solution into Fring app and done end to end testing
* Developed Favourite Contacts with BG-FG communication using Pipe protocol to listen contact changes.
  + Implemented BG Server MIDlet
  + MIDlet suite with Single Icon and Auto start MIDlet features
* Solved delay between two videos in VUClip application by starting player before ending previous player without any flickering effect
* Implemented LWUIT Localization in LWUIT libraries

Duration: April 2013 – till date

**2. Nokia Developer Consultancy, Evangelism and Product Readiness Activities**

At Nokia we do consulting for depth partners like major mobile applications and depth partners like community developers, college students etc., And we do product readiness activities for Nokia Asha SDK, Nokia X SDK etc.,

Responsibilities:

* Partner Consulting(Depth)
* Solving partner queries in quick turnaround time with prompt resolution.
* Providing assistance to help partners to solve blocking issues.
* Align with global partner managers on various consultancy cases.
* Participating in Workshop with partners to help road mapping and to solve blocking issues.
* Partner Consulting(Breadth)
* Attending workshop/developer events and present about Nokia X platform to developers
* Providing guidance and prompt answers to developer queries on events
* Developer offering ecosystem improvement
* Providing feedback/improvement on developer offering to DX and Engineering team
* Providing recommendations on new API offering/existing API improvement to platform team.
* Delivering new example applications for different platforms like Android, S40 and Nokia Asha

Duration: September 2012 – March 2013

**3. Nokia LWUIT Development and Testing**

The Lightweight UI Toolkit (LWUIT) is another GUI development toolkit for constrained devices such as mobile phones and set-top boxes. The LWUIT library tries to avoid the “lowest common denominator” mentality by implementing some features missing in the low-end platforms and taking better advantage of high-end platforms.

Responsibilities:

* Developed new components like Nokia Slider, Context Menu, Dialog etc.,
* Bug fixes on LWUIT libraries. Developed test MIDlets for various components

Duration: July 2012 – August 2012

Tools and Tech Spec:

* Eclipse, NetBeans, S40, J2ME, Java

**4. Nokia SDK 2.0** **Plugin development**

Developed SDKAnalytics application for Nokia SDK 2.0. SDKAnalytics provides a set of interfaces necessary for applications to be able to collect and submit usage data to a back-end server. Developed Splash Screen using Java for SDK 2.0 Created and tested Sample MIDlets and ported TT MIDlets to FT MIDlet.

Responsibilities:

* Design and developing MIDlets to verify Nokia S40 LWUIT
* Implemented JSON and Java Runtime native calls in java
* Developed Splash Screen for Nokia SDK 2.0 using Swing
* Ported example MIDlets from Touch & Type to Full Touch
* Integrated plugin into SDK and tested

Duration: Dec 2011 - June 2012

Tools and Tech Spec:

* Eclipse, NetBeans, J2ME, Java

**5. SensorFit (https://play.google.com/store/apps/details?id=com.sensorfit.easyfit.app&hl=en)**

This is a specification of a mobile application, which encourages physical activity and helps user to stay fit. The user set’s his/her starting level and goal in the application settings. The application then uses accelerometer to track user’s daily activities and provides assistance for a suitable level of daily activity in order to meet the set goals.

Responsibilities:

* Involved in developing user interface.
* Involved in developing sensor reading module.
* Involved in database implementation using sqlite.
* Rectifying various bugs and fixing it.

Duration: June 2011 - Nov 2011

Tools and Tech Spec:

* Eclipse, Java, Android

**6. NFC (JSR 257) Development-Sparx Project**

Sparx is an innovative project carried out by Nokia. This project is based on Aadhaar project by Indian Government. Aadhaar user details stored on NFC card and can be accessible to any NFC reader (Mobile/NFC Reader). The authentication takes place in server side and other use case is according to the end user application. This process can use for Banking, Gas Agencies, etc.; it’s a unique identification for a user in future.

Responsibilities:

* Modified/updated NFC JSR 257 according to client requirements
* Used SAPI's for native communication
* Developed RI MIDlet to test JSR 257 using different NFC tags like Mifare, Ultralight and Felica
* Involved in TCK testing for JSR 257 and fixed TCK errors quickly
* Involved in Content Handler API to invoke Barcode reader from RI and get the data

Duration: Feb 2011 - May 2011

Tools and Tech Spec:

* S40, Java, J2ME

**7. SAPI RI Development**

There is some functionality available in the phone (e.g. contacts, messaging, maps) that is not directly available to the Java environment. Now third parties (e.g. operators) want to use this functionality from the Java environment. To achieve this, a SAPI is introduced. The SAPI server is usually a native implementation (ISA on S40 or C/C++ code) that has access to the desired functionality. The SAPI server communicates with its clients Reference MIDlets) by using a proprietary protocol (Local protocol) which has a specific message format and data types.

Responsibilities:

* Design and developing MIDlets(RI) to verify Service API's/Java API's of Nokia
* Performed code review and source code quality metrics like Code Coverage, Lint etc.,
* Testing the RI on mobile handset and reporting the issues
* Supporting Nokia internal teams regarding SAPI and Java API's

Duration: Apr 2010 - Jan 2011

Tools and Tech Spec:

* Eclipse, S40, Java, J2ME

**8. SmartRep**

SmartRep is a mobile application developed for Pharmacy Companies. This is used by the marketing persons like sales representatives and the people who manage them like Area Branch Manager. Each Sales Officer will be allotted a territory and each territory will have different clusters in it. This information can be stored as offline data or can be sent to the server. Medical representatives can plan their monthly tour plan and report the doctors daily. Also they can view their corresponding reports.

Responsibilities:

* Involved in design and development phase of the project
* Participated in all software lifecycle events in this project from requirements gathering to support
* Involved in code review and followed software quality metrics
* Customized the application as per client requirement

Duration: Aug 2009 - March 2010

Tools and Tech Spec:

* Eclipse, Android(Notifications, Broadcast Receivers, Services, SQLite)
* Struts, JSP, Servlets, SOAP

**9. Smart Van Sales**

Smart Van Sales application is developed to improve the effectiveness in field force distribution. The distributor can place the order by selecting the route, area, product etc using the Mobile handheld. We can also view the report for the order posted in the device.

Responsibilities:

* Design and developed application for Van Sales
* Worked on Location API
* Performed code review and unit testing

Duration: April 2009 - July 2009

Tools and Tech Spec:

* Eclipse, Android, Struts, Servlets, JSP, SOAP

**10. Smart Motor claims**

The Smart Motor Claims is a web application which automates the process of vehicle insurance claiming system. It contains three modules - Surveyor, Assigner and Approver. The Assigner does an initial pre-verification regarding the claim and then assigns the claim to the surveyors. Then the surveyor surveys the claims by gathering all the required information like vehicle registration number, make, model, etc. Surveyor sends the final report to the approver with the estimated amount, surveyed amount, new spare parts and their cost etc. Finally the claim information will be sent to the Approver for final verification.

Responsibilities:

* Involved in development of JSP using Struts tags and business logic for Surveyor and Approver modules
* Developed the common UI validations using JavaScript and Struts validation tags
* Involved in unit testing, bug fixing and code review

Duration: August 2008 - March 2009

Tools and Tech Spec:

* J2EE, Struts, JSP, Servlets, IBM WebSphere
* Eclipse

**11. BANA Management System**

BANA ERP (Enterprise Resource Planning) is a web based application. It handles a wide variety of planning, transaction processing and accounting functions in an integrated manner. BANA Enhances Profitability by enabling integrated operations, streamlined processes, establishing accountability, integrating with Customer relations and reduced inventory. The key functions that ERP systems provide include Financial/Accounting, Sales, Planning, Human Resource, Inventory Control, Work Order Management and Purchasing. BANA ERP- systems capture data about current operations and future plans and organize it into information used to develop business strategies.

Responsibilities:

* Created applications for HR and Inventory Modules
* Developed Server side components containing business logic
* Created reports according to customer requirements
* Interacted with developers and solved technical issues

Duration: March 2007 - July 2008

Tools and Tech Spec:

* J2EE, JSP, Servlets, WebLogic
* Eclipse

**Recognition and Awards**

* Received “**QUARK Idea**” award for “Internet of Things” at Sasken
* Received multiple **SPOT AWARDS** at Sasken for different projects
* Received **Business value awards** at Nokia
* Conducted Nokia Asha Boot camp on **“Game Development using J2ME”**
* Presented about Nokia X SDK to partners and public developers at different locations all over India