AVNEESH DWIVEDI

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**Summary**

**‪**7+ years experience in IT industry‬ with 3 years experience in iOS application development.

‪Familiar with the end to end life cycle process for mobile apps: architecture, design, development, testing and deployment. ‬‬

Talented and dynamic developer leading a team for developing InstaVoice a text and voice messaging application.

Experience in design and development of distributed application using C++, Rogue Wave, STL, Design patterns in unix and windows.

Have knowledge of Java, JSF development with XHTML/JSP and Oracle ADF.

**Education**

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| --- | --- | --- | --- |
| **Degree** | **Year** | **School/College** | **CGPA/ %** |
| B. Tech , Electrical Engineering (Power) | 2003-07 | Indian Institute of Technology, Delhi | 7.97/10 |
| CBSE (Class XII) | 2002 | Sarla Higher Secondary School | 83.8% |
| CBSE (Class X) | 2000 | Maihar Cement School, Sarlanagar | 78% |

**Technical Skill set**

**Operating System:**

Mac OS, iOS, Windows 2003 Server, Unix (AIX, HP-UX)

**Language and Protocols:**

Objective C, iOS Framework, Rest API, AFNetworking, C++, PL-SQL, Java, JSF, XHTML.

**Databases:**

Oracle, SQL-Server

**Debugger and other Tools:**

Xcode, Microsoft Visual Studio, Eclipse ADT, PL-SQL Developer.

**Source Management Tools:**

SVN, GIT, Borland StarTeam, Rational Clearcase.

**Industrial Work Experience:**

**Kirusa India Pvt Ltd (Tech Lead Mobile Application) (Dec 2013 onward)**

**Project 1: Developing InstaVoice Messenger.**

InstaVoice Messenger app is a free smartphone messaging app that combines free texting and voicing, Voice SMS, visual voicemail and missed call alerts.

**Link: https://itunes.apple.com/in/app/instavoice-messenger/id821541731?mt=8**

**Role and Responsibility: iPhone app development:**

1. Currently coordinating the entire lifecycle of this application.
2. Overall architecture design and development using Core Data, NSOperation, SQLite, Networking with AFNetworking API's.
3. Contact sync using Address Book api and Core Data and NSOperation for optimal performance and minimal time to server sync.
4. Conversation page design and development, this includes one to one and group messaging that includes text, audio and image messaging.
5. Remote notification handling in both foreground and background mode.
6. SQLite DB for chat related information.
7. REST Api usage for interacting with remote server.

**Oracle India Pvt Ltd (Senior Application Developer) (May 2012 to Dec 2013)**

**Project 1: Developing iPad/iPhone app for MobileCRA.**

This will help CRA to record the data on move, earlier they need to keep a note and later feed it on CTMS system. Mobile application will connect to the Mobile CRA server using REST api and the server talks to Siebel CTMS using web service call.

**Link: https://itunes.apple.com/us/app/oracle-health-sciences-mobile/id593216952?mt=8**

**Role and Responsibility: iPad/iPhone app development:**

1. Developed check-in page: This will help user to note down the location where he is currently present and record it to CTMS.
2. Developed contacts page: Gets the contact for particular study and site using REST call and later sync it to device native contact using Address Book api.
3. Alerts and Subscription: User can subscribe for alert and later get the alert in app inbox.
4. Trip Report and SDO (Self Describing Object): User records his observation and save it to CTMS.

**Computer Science Corporation (CSC)**

**Client: PayPal India Pvt Ltd (March 2011 to May 2012)**

PayPal is one of the best payment solution provider companies in the world. It provides payment solution that is fast and secure.

**Project 1: Touchstone (Point Of Sale)**

Touchstone is an initiative to bring PayPal to the physical point of sale with the focus on providing merchants and consumers value added services while simplifying the shopping experience.

**Team: Merchant Checkout**

1. Do Cancel API changes to support cancelation of transaction at retail outlet.
2. Writing the BLI(business logic interface) for transaction search for merchant based on store id and terminal id.
3. Item level merchant specific balance support.

**Manhattan Associates Bangalore (June 2007 – Feb 2011) (**

Software Engineer

Domain: Supply Chain Management.

Work Area: Warehouse Management (WM).

**WMOS – Warehouse Management Open System:**

WM helps in utilization of every component (space, people, inventory and equipment) inside the warehouse. It helps in analyzing all the components continually so one can conserve effort, fill orders faster and more accurately, save space and reduce inventory.

**Role and Responsibility:**

**C++ Development:**

1. **Development of Client specific modification.**
2. Worked on C++ using smart pointers and various design patterns.
3. Core Dump analysis using DBX and GDB.
4. UNIX Debugging and monitoring of running process using GDB and DBX.
5. Windows debugging using Visual Studio and using windows debugger to analyze the crash dumps.

**Functional Role and Responsibility:**

1. Client interaction and solving the issue in WMOS.
2. Work closely with consultant to understand the flow and solve the issues with tough timelines with full satisfaction.
3. Writing and understanding the Oracle Triggers, Packages and Stored Procedures.
4. DB Lock and Deadlock related issues and oracle trace analysis to resolve deadlocks.
5. Worked for leading clients (such as Giant Eagle, PetsMART, Wal-Mart.com etc) using Warehouse Management System.

**Team Lead Responsibility:**

1. Handling ten different clients in US region for technical issues.
2. Code review and issue distribution for the team.
3. Helping in the design phase of the tough modification for the clients.

**Onsite Experience:**

**Manhattan Associates Atlanta (Georgia)**

Duration: 2 Months (Nov - 09 to Dec - 09)

**Role and Responsibility:**

1. **Walmart.com fulfillment centre:** Monitor and provide resolution to production related issue.
2. Development and testing of client specific enhancement.
3. Understand the client specific flow and resolve their issue.
4. Monitor the running process and to get the information about running process in case of any problem.

**Summer Internship**

**Emco Ltd, Thane Maharashtra May 2006 – July 2006**

**Description**: Designed the feed forward control scheme for the shunt connected single phase **Active Power Filter** and also for Cascaded Active Power Filter to reduce the harmonics. Also designed the **LCL power filter** to avoid the unwanted harmonics generated by the inverters used for Active Power Filter**.**

**Technology Used:** Matlab Programming and Matlab Simulink.

**Academic Projects:**

1. **B Tech Project:**

(Project Supervisor: Prof SS Murthy) July 2006-May 2007

**Project Title**: Use of Virtual Instrumentation for testing and condition monitoring of a 3-phase Induction Motor

*Description*: Real time data acquisition using voltage and current sensor and NI DAQ board.

Using G-Programming (LabVIEW 8.0) calculated induction machine parameter and performance figure**.**

**Talk and Workshop(s)**

* Paper selected for Poster Presentation at the **7th International Conference on Power Electronics and Drive Systems (PEDS'07)** held in Bangkok, Thailand.

**Paper Title:** Online performance monitoring of an Induction Motor using Virtual Instrumentation (Paper Id 0331)

* Assisted participants during hands-on-session in “Workshop on National Instruments LabVIEW” organized by Electrical Engineering IIT Delhi.
* “Design of LCL Power filter and feed forward control for single phase Active Power Filter”, Talk Delivered at EMCO Ltd Thane Maharashtra.
* B-Tech Project Presentation for **Rajiv Bhambawala and Boss Award** at IIT Delhi.
* “Special Machines and Magnetic Devices used for Submarines and Sea Propulsion ”, IIT Delhi

**Achievements and Awards**

* **Certificate of Excellence** from Executive Vice President for the overall contribution to the CTSO team at Manhattan Associates for year 2008-2009.
* AIR (All India Rank) 1001 in the Joint Entrance Examination (JEE) 2003.
* 21st Rank in Madhya Pradesh State PET 2003
* B-Tech Project got nominated for two prestigious awards **(Boss Award & Rajiv Bhambawala Award)**

**Hobbies and Extra Curricular Activities:**

* Playing Chess, Table Tennis, Badminton, Tennis and Cricket.
* Watching tennis and cricket.

**Personal Information**

**Date of Birth**: 31st July 1984

**PanNo.:** EDFRT1234H

**PassportNo:** G6778889

**Gender:** Male

**Marital Status:** Single

**Permanent Address**: E150 Sarlanagar Maihar Cement Distt Satna (M.P)