

Sonia Parikh

Volunteer Programmer

King of Prussia, PA - Email me on Indeed: [indeed.com/r/Sonia-Parikh/90b1bdb7de70e181](https://www.indeed.com/r/Sonia-Parikh/90b1bdb7de70e181)

WORK EXPERIENCE

Software Engineer

Cygnnet Infotech - Ahmedabad, Gujarat - September 2012 to January 2014

Reference

- Utilized native Objective-C to develop state-of-the-art mobile applications for iOS
- Designed and developed end-to-end, high performance iPhone/iPad application and successfully deployed at app store
- Developed responsive and user friendly app with XCode and Interface builder
- Wrote clean, well commented code for eVoice and Onebox projects
- Performed structural redesign and recoding for maintenance
- Responsible for coding, debugging and enhancement for iPhone applications
- Tested applications on device simulators and actual devices to fine-tune products
- Assessed client calls, generated business reports, lead and mentored a team of junior developers
- Coordinated with Project Management, Engineering and QA to deliver app
- Implemented wrapper classes
- Firm understanding of Agile and SVN
- Proficient knowledge on JIRA and mantis for bug tracking and reporting
- Estimation of project with the use of OpenProj - Project Management software and creation of SRS (Software Requirement Specifications)

Software Engineer

e2logy software solutions - Ahmedabad, Gujarat - July 2010 to September 2012

Reference

- Involved in full product life cycle from design and development to deployment
- Observed and implemented best practice standards of Objective-C for multi phase projects
- Optimized code for memory and performance to reduce total data costs
- Co-ordinated with the USA clients to define project requirements, write design documents and technical specifications
- Built wireframes for app designs
- Wrote clean code to build framework for applications
- Provisioned and managed apps for app store distribution
- Created documents for project requirement and API
- Performed Unit testing and Peer testing of applications
- Worked on normalization of database
- Provided deepest level of granularity for co-worker implemented in Objective C with the elaborated documentation

Software Engineer Intern

Ishu Infonet Pvt Ltd - January 2010 to June 2010

Customer Service Associate

Magus customer dialog - Ahmedabad, Gujarat - January 2006 to September 2006

Volunteer Programmer & Business Development Associate

Envirocare Engineers - January 2003 to January 2006

EDUCATION

Master's in Computer Science

Saint Joseph's University - Philadelphia, PA

Master of Science in Information Technology & Computer Application

Saurashtra University

March 2010

Bachelor of Computer Applications

Madurai Kamaraj University - Madurai, Tamil Nadu

August 2008

Diploma in Computer Science

Karnataka Technical Education Board

November 2003

ADDITIONAL INFORMATION

Technical Proficiencies

Programming languages: Objective-C, C#, C++, C, Visual Basic

Operating systems: Mac OS X, Mavericks, Windows 98/XP/7, Linux

Application software and tools: XCode, Interface Builder, Open Office, Microsoft Office

Web developments: IIS, ASP.NET, PHP, Html, CSS, XML

Databases: Apache's MySQL, Microsoft SQL Server 2008, Sqlite browser and manager, Oracle

Major Professional Projects

Link to Live Projects

eVoice iPhone app

- eVoice allow user to add a free business phone number to iPhone without the need to buy a second device.

User can access his

phone contacts, make & receive calls, send & receive texts and more

- Used VoIP for make and receive calls using 3G/4G/WiFi connections
- Implemented REST API integration
- Provided Voice to Text for reading of Voice mails
- Integrated native mail for sending audio file as an attachment to desired mail id by using MessageUI framework
- Implemented upgrading to new plan via in-app purchase

Onebox iPhone app

- Onebox contain features like VoIP calls, send and receive text, view and listen voice mail as well as sending and receiving fax

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Director Access (Phase-I, II, III) iPad app

- A secure iPad App that provides a convenient, online and offline, platform for board members and key executives to access timely and confidential documents, contracts, policies and board related information

- Integrated SOAP API

- Used OPEN SSL for encryption/decryption of files

- Worked on SQL Cipher for encryption/decryption of database

- Devised an algorithm for handling file download up to 2GB without memory crash

- Provided Pause and resume downloading

- Worked on Zipping/unzipping of files

- Performed PDF annotations like underline, bookmark, search, photo, jump to page etcetera with PDF Annotation library and

worked on syncing annotations to server as well as changes and deletion to existing annotations

- Designed app for syncing user specific data used SQLite browser for storing user specific data as well as files related data

Value Selling iPhone app

- App was designed to reinforce understanding of key Value selling concepts as flash cards. User can flip card to test knowledge

- App provides 6 fundamental concepts behind Value Selling. User can purchase 29 more vital concepts via in-app purchase

Workout Journal iPad app

- App was designed to keep an accurate account of daily exercise, to track the changes in body measurement keep user himself

accountable to health and fitness goals

- Implemented chart for monitoring progress at quick glance

- Worked on custom calendar feature

France 2012 iPhone/iPad app

- App was created at time of election in France 2012. App mainly used to view news and articles based on category and

candidates

- Displayed articles based on category and candidate in organized manner

- Implemented setting global mood for candidates

- Designed Carousel based animation

- Provided sharing with facebook, twitter and read it later

eChart iPad app

- eChart IMCI (Integrated Management of Childhood Illness was mainly designed to be used by certified nurses in medical camp

to give primary classification and treatment details for various disease

- Provided form based data collection for filling and editing classification and treatment details

- Implemented graph for displaying details of child growth using native framework

- Report generation and e-printing of PDF file

Rain Gauge iPad/iPhone (Universal app)

- App mainly created to display observed precipitation at current GPS location or any given address currently available for iOS

devices. User can view current and historical precipitation.

- Provided facility to store multiple locations by favorite functionality

- Displayed historical data in an amazingly intuitive format with simple, user-friendly interface and single touch access

- Implemented comparative graphs for detailing precipitation data as well as displayed visual maps to indicate regional

precipitation

- Provided sharing of local information through variety of channels including Email, Facebook and Twitter
- Myooo.my iPhone app
- App designed to view business details of different categories as well as best deals, discounts nearby user's location.
 - Implemented push notifications to push free discounts
 - Worked on implementation of Paypal and iPay88 for booking deals
 - Designed innovative e-coupon management system to redeem and track coupons on the spot
- IsMyStuffReal iPhone app

• App created mainly to "Guard What's Real". User can check whether item is genuine before buying over the counter or

prescription drugs as well as user can scan the UPC code on drug

- Worked on redesign of project