Jigar Thakkar

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Summary

A curious, diligent and result-driven Software Engineer with extensive experiences at a Startups in Agile SDLC model including requirements definition, prototyping, interface implementation, and testing. Supportive and enthusiastic team player dedicated to streamlining processes and good at finding 'out of the box' solutions.

Work Experience

Mobile Developer, PHORIA through Microsoft SocialNUI; Melbourne, Australia   *July 2017 – Nov 2017*
Project Name: A Gamification based Virtual Reality Exposure Therapy for Oncology Patients

- Following **Agile** with **CD/CI** and Test-Driven development methodologies
- Gather software requirements and design prototype for **MVP**
- Building high-performance **Virtual Reality** application in Android Application platform which runs on **Samsung Galaxy Gear VR**
- Developing new features and functionality through **RESTful API** services **(SOA)**, re-writing few prewritten codes to improve efficiency with tools like **Unity 5.6.3, C#** and **Oculus SDK**
- Implementing real-time **Firebase** communication channel between client's device and server to collect sensor data generated by **Accelerometer, Gyroscope and Proximity** sensor
- Using **JSON** as a data-interchange format and architecting Models to serialize & reserialize JSON objects
- Building web app using **JavaScript, HTML, CSS**, and **JQuery** to visualize data from Firebase Real-time Database for **Data analytics**
- Continuous engagement with the product owner, supervisors to collect business requirements, effort estimation, finalizing scope
- Check out more about project: phoria.com.au/projects/dream3d-mcri

Freelancer iOS developer; Melbourne, Australia   *January 2017 – June 2017*
Project: Kiosk food ordering application for Supremie Noodle Restaurant located in Jakarta, Indonesia

- Implementation of food ordering application for **iPad** so customers can **select, customize** and **pay** for order without any assistance (Same as McDonald's **self-order machine**)
- Check out more about project: github.com/jigar007/Noodle-Restaurant-iOS-app

Software Developer Intern, iCreate Technologies; Ahmedabad, India   *January 2015 – January 2016*

- Developed iOS application with **Objective-C** using **MVC** architecture and integration with RESTful APIs
- Programming with **Cocoa pods** as an application level dependency manager to manage external libraries
- Used various APIs available from Facebook, Google, and Twitter for **OAuth2.0** authentication
- Designed database in Microsoft **SQL Server**, wrote queries and developed features
- Tested pre-built features like APIs to discover bugs, fixing them and releasing into production
- App Store Link: itunes.apple.com/in/app/amco-bank/id1134477931?mt=8

Skills

Programming Languages: Objective-C and Swift for iOS, Haskell, Java with JSP, struts, Servlets, C#, Python
Tools: Jira, GitLab, Maven, Ant, Hibernate
Cloud Technologies: AWS, OpenStack, Azure
Configuration Management tools: Ansible, Boto
Container Technologies: Docker

Design Tools: Photoshop, Sketch with Zeplin, balsamiq, invisionapp for Prototyping, wireframe.cc
Web Development: HTML, CSS, JavaScript, JQuery
Front-end web development: Bootstrap, Angular
Database: MySQL, MongoDB, Firebase NoSQL DB
Version Control: Git with GitHub and Bitbucket

Education

University of Melbourne; Melbourne, Australia   *February 2016 - December 2017*
Masters of Informational Technology
Ahmedabad Institute of Technology; Ahmedabad, India   *June 2011 - June 2015*
Bachelor of Engineering in Information Technology

Achievements

- 3rd at regional level **web programming** competition among 20 university during bachelors
- 2 times student representative during studying at Melbourne University

community Involvement

Volunteer at BAPS; Melbourne, Australia   *February 2016 - May 2017*

- Volunteer in various activities like tree plantation, quit addiction drive, dram and acting, and various other social and cultural activities