



HARPREET SINGH

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Profile

Performance-driven and motivated Software developer with 5 years of extensive experience in participating in Software development phases. Hands-on experience in Agile Software Development Life Cycle which includes project conceptualisation and design, implementation, quality assurance and maintenance of the project. Adept at managing and leading team to achieve extraordinary results.

Work Experience

Senior Consultant 08/2019 - Present
Capco, Hong Kong

- Transformed the Stock Trading App from Hong Kong to multiple components to be deployed in to multiple markets. **Tier 1 Global bank - Digital Wealth and Insurance.**
- Responsible for architectural decisions to incorporate **Architectural Design Patterns** for modular design.

Sr. iOS Developer 09/2018 - 07/2019
M800 Limited, Hong Kong

- Designed and developed new features in the **M800 SDKs Family.**

Work Experience

- Maintained and developed **Test Automation Framework** for SDKs API testing using **Appium** and **Nodejs**.
- Bug fixing and improvement for SDKs and Demo App for SDKs.
- Maintained **Jenkins** jobs for **CICD**.

iOS Developer 09/2015 - 07/2018
Quinto, Pune, India

- Responsible for designing and developing the **Quinto iOS Agent App** and **Quinto SDK** from scratch.
- Responsible for building the **backend server** as well as **StateMachine** for **Chatbot server**.
- Responsible for integrating Payment Wallet **Paytm**.
- Responsible for integrating Payment gateway **Razorpay** for charging the customer on subscription basis.

iOS Developer 04/2015 - 08/2015
42Works, Mohali, India

- Understanding and analysing client business requirement and developing iOS applications.
- Developed iOS SDKs for clients.
- Handled iOS apps release cycles.



Projects

- **M800 SDKs**

M800 SDKs include **Voice** and **Video** call SDK, **Conference Call** SDK, **UIKit** SDK and **Instant Messaging** SDK.

- **Quinto.ai**

Mobile application for agents which allows business to monitor and moderate customer conversation on the go.

- **Agent Dashboard Server (Backend)**

An agent dashboard written in **Nodejs** and **web front-end** in **React**.

- **HPSCalendarView**

Easy to use **cocoapods** library for adding calendar UI in iOS applications.

- **Agent Dashboard Server (Backend)**

An agent dashboard written in **Nodejs** and front-end in **React**.

- **APNS**

A **npm** package to send push notification to iOS which support HTTP2.

- **Quinto Facebook Chatbot Server**

A chatbot server written in Nodejs to auto-respond to quinto audience on facebook page.

- **HowBigg App**

A freelance project to develop application for hunters to post and share their hunting pictures.



Projects

- **Rock Spring Contracting**

Developed Rock Spring Contracting iOS app for RockSpring Contracting LLC.



Skills and Tools

Programming

- Objective-C
- Swift
- Javascript & Nodejs
- Python
- Java

Unit Test & UI Automation

- OCMock
- XCTest, Quick & Nimble
- Appium

Version Control & Code Review

- Git
- Github, Gerrit

Databases

- Core Data, NoSQL, SQL

Development Software & Environment

- Xcode, IntelliJ
- AWS, Vagrant, Docker



Education

Bachelor of Technology (CSE) 2014
University College of Engineering (UCoE),
Punjabi University, Patiala, India