**Bastin Soosairaj**

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**SUMMARY**

Passionate software engineer over 13 years of experience in design, develop, unit test, debug, deploy and managing software applications. Possess deep knowledge on iOS ecosystem, solid hands-on experience in **iOS** around 8 years. A strong leader and a key team player to deliver high-quality mobile products.

**TECHNICAL SKILLS**

Programming Language : Swift, Objective C, Java, Python, Kotlin

Technologies & Web : iOS, SwiftUI, Web Services, Core Data, Concurrency, Coco Touch, Auto Layout,

Design Patterns, XCTest (Unit Testing), Cordova, XMPP, HTML, JavaScript, CSS,

Shell Script, Android

Databases : SQLite, Core Data, CouchDB, MySQL, PostgreSQL, Oracle

GUI & IDE & Tools : Xcode, Xcode Instruments, Charles-Proxy, Jenkins, DevAzure (CI/CD), Figma,

Android Studio, Eclipse

Source Control : Git, Azure, SVN, Bitbucket

**EDUCATION**

Bachelor of Engineering in Computer Science from Anna University, Chennai, India.

**WORK EXPERIENCE**

**Senior iOS Engineer** | **JPMorgan Chase, New York** JUL 2023 – PRESENT

* Working as a Senior developer in mobile team to design and develop new features and experiments to the Chase/JPMorgan bank customers.
* Collaborate with product, UI/UX designers, backend engineers, other developers and quality engineer to deliver features welcome experience for first-time using MVVM design pattern.
* Write unit test cases for the developed modules to ensure implemented functionality is working as expected. Participate in code review process and identify issues during the design and development phase. Mentor junior engineers to complete their tasks.
* Debug user interface and memory issues, refactored code for modern concurrency practices.

**Senior iOS Engineer | First Republic Bank, New York**  DEC 2021 – JUL 2023

* Collaborated with cross-functional teams to deliver features, including a new welcome experience using MVVM (UI/UX, Backend, QA). Responsible for delivering advanced authentication module along with device management feature.
* Developed features adopting VIPER architectural pattern. Configure CI/CD pipeline which will automatically run Unit & UI tests, generate builds and distribute applications to App Center/Apple store/TestFlight.
* Created reusable decoupled components such as libraries/frameworks by strongly following software design principles. Coordinate/work with product teams, UI/UX designers to ensure application developed as per product requirements.
* Write unit test cases for all developed modules by adhering Test Driven Development methodology. Participate in code review and build generation process which intern scans the application against potential vulnerabilities.
* Monitored app crashes, debugged crashes and apply fix, optimized existing code to improve overall performance of an application.

**Mobile Application Lead | Wyndham Hotels and Resorts, New Jersey** SEP 2019 – APR 2020

* Interact with business and stake holders to gather requirements and convert into software specification. Worked as a senior developer to implement features such as listing of hotels and with offers and discounts, geofencing region monitoring using MVVM design pattern. Support responsive design for various screen sizes by adapting auto layout.
* Wrote unit test cases to adhere test driver development methodology. Technically assist and mentor junior engineers to complete their assigned tickets in Jira.
* Built and developed continuous integration tools to automate build generation process to deploy developed software application to cloud platforms. Coordinate and interact with QA engineers to perform regression, user acceptance testing to ensure developed software works as expected.

**Mobile Application Lead | Avis Budget Group, New Jersey** MAY 2018 – AUG 2019

* Auto verification feature on Avis mobile App provides an automated process to validate user information by scanning driving license, The app digitally verifies the user credit and driving history.
* Worked as a technical lead and provided optimized design solution to the developed modules. Worked on the CI/CD tool, wrote scripts to auto generate and distribute builds to app centers.
* Implemented certificate pinning and encryption-based token passed to the server. Collaborated with business, server, and API development team to ensure proper integration between mobile app and server. Consumed service APIs and Integrated 3rd party frameworks developed in Objective C and Swift.

**Senior Mobile Developer | Citi, India** DEC 2014 – JAN 2018

* Worked as a Senior iOS developer responsible for the design, development, unit testing and delivery to the production for the stories assigned to the team and myself. It was an Agile/Extreme programming scrum-based effort.
* Closely work with development team to understand the native features required by the application. Added user sign-up, sign-in, offline data synchronization, storage and notification. Monitor application performance in production environment and analyze apply fix for crashes.
* Worked on presentation layer to handle view from JSON data received web services. Created Cordova plugin to support native features of an application. Prepared code readiness based on region configurations for various markets.

**Senior Development Engineer | Instant Sweat Inc, India** JUN 2013 - NOV 2014

* InstantSweat is a fitness application to through which users can find trainer based on number of criteria such as location, ratings, experience and make an appointment within 24 hours. Worked as a team member and was responsible for the design, development, and unit testing for the stories assigned to me. It was an agile scrum-based effort.
* Integrated location-based service APIs developed user interface as per UI design document.

**Software Engineer | Tabtor Math, India** MAR 2010 – MAY 2013

* Tabtor is a mobile application software for kindergarten children to teach mathematics. Teacher views all submitted worksheets by students and how they answered, and it does automatic grading for all worksheets.
* Worked as a team member and was responsible for the design, development, and unit testing for the stories assigned to me. It was an agile scrum-based effort.
* As a Full stack developer, responsible for system design, development for mobile and server layer of all the features. Worked on NoSQL database to store and fetch data from/to mobile application.