

Sebastien C.

Android Tech lead / Senior developer

Results-driven manager with more than 20 years of experience in software development and complex problem-solving. **Customer and business goals focus** with strict respect of deadline on **multi-million dollars projects**. Experienced in management of Software team but also as a technical leader in Android application development. Android development, TDD philosophy and a twist of iOS.

EXPERIENCE

Canoo - EV — *Android Tech Lead*

MAY 2021 - PRESENT

- **Design, architect and develop** mobile apps focusing in high-quality code and deliveries to control core functionalities of Canoo EV vehicles using **MVVM**, Kotlin, Room, **Firestore** for feature flags and push notifications.
- Integrated and developed the Kudelski **Keyless stack based on BLE** into the Android app to allow user to automatically unlock the car using either **BLE**.
- Development following **clean architecture methodology**.
- Developed the first build pipeline for Canoo using fastlane, Jenkins and Firebase for distribution.
- Work in **partnering with cross-functional project** development and team such as QA, Product Owner, Program management and TechOps
- Provide **guidance and influence** other areas of the engineering team (Backend, Test and Infotainment teams)
- Improve the development process and reduce the development cycle.
- Technical analysis and spiking to clarify needs, feasibility, complexity...
- **Lead adoption of new technologies** such as KMM
- Build prototype using Flutter

Dollar Shave Club — *Tech lead/Senior Android Developer - E-Commerce application*

JANUARY 2018 - MAY 2021

- **Lead DSC's Android team**. Responsibilities included **sprint planning, project planning, and managing releases**.

- Designed, architected and developed new features, improvements of existing code including bug fixing. Code and Peer Reviews. (Account creation, Checkout flow, products search...)
- Technical analysis and spiking to clarify needs, feasibility, complexity...
- Pushed for a **strong mobile analytics foundation** so that our team can validate the impact of new features and understand user behavior.
- **Increase** the number of download to 200,000 and improve **customers satisfaction to 4.8** and **98% crash free**.
- Lead adoption of new technologies such as co-routine, Kotlin to improve developer productivity.

lam+, Los Angeles — *SW Engineering Manager/Senior Android developer*

SEPTEMBER 2014 - DECEMBER 2017

- **Built and managed a team of highly skilled engineers for system engineering and developments.** Day to day meeting, hiring/performance review.
- Ability to **clearly communicate** with management in project progress and set priorities
- **Worked jointly with product team** to ensure and align SW development planning.
- Architected, designed and developed Android applications and Ruby micro-services
- **Lead and developed a SmartHome backend** solution using voice technology which triggered company funding and **partnership** with **Salesforce**.

TCL Mobile, Irvine — *SW developer / Automation Manager*

OCTOBER 2013 - SEPTEMBER 2014

- Developed and enabled Android based platform for Mobile devices including drivers.
- Designed and developed an automation framework to validate carrier requirements.

Intel Corporation, France — *Application engineer*

JUNE 2009 - SEPTEMBER 2013

- Enable the first generation of connectivity modules.
- Designed and developed the automation framework to run daily testing and on-demand.

OpenPlug, France — *Android Integration lead*

AUGUST 2008 - MAY 2009

- In charge of lead the SW integration team to enable the first 3G Modem on an Intel based platform using Android AOSP.

NXP Semiconductor, France — *Silicon validation engineer*

NOVEMBER 2006 - JULY 2008

Motorola, France — *UMA SW project coordinator*

FEBRUARY 2006 - NOVEMBER 2006

Alcatel - Sagem, France — *SW Integration lead*

NOVEMBER 2000 - JANUARY 2006

IPricot, France — *Embedded SW developer*

MARCH 1999 - NOVEMBER 2000

EDUCATION

ESIEA, Paris — *Master in Computer Science and Project/Finance*

AUGUST 1996 - MARCH 1999

LGTRI, France — *2y univ. degree in Electronic*

SEPTEMBER 1994 - JUNE 1996

LGTRI La Briquerie, France — *High School Diploma*

SEPTEMBER 1991 - JUNE 1994

AWARDS & RECOGNITIONS

Improvement tests strategy awards - NxP Semiconductors

CMM deployment lead