

JESSICA CLAIRE

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LINKS

- <https://sakpase.app/en>
- <https://jolotte.fr/>

PROFESSIONAL SUMMARY

Experienced and dedicated full stack mobile app developer offering more than 7 years of expertise to the IT industry. Dynamic and personable with strong focus on application lifecycle. Strengths in native iOS development in Swift and cross-platform mobile development with React Native.

Based in New York, NY but willing to relocate to Florida, California or Louisiana.

SKILLS

- React Native (5 years)
- Node.js (5 years)
- Web Design (4 year)
- Android (3 years)
- Swift (6 years)
- Git (5 years)
- Objective C (3 year)
- MySQL (3 years)
- Jquery (4 years)
- MongoDB (4 years)
- PHP (4 years)

WORK HISTORY

React Native Developer, 02/2016 - Current

Cognizant Technology Solutions – Boston, MA

- Deployed *SaKPasé* Android and iOS app
- Published *SaKPasé* to App Store <https://apps.apple.com/us/app/sakpas%C3%A9/id1441244845?ls=1>
- Published *SaKPasé* to Google Play Store <https://play.google.com/store/apps/details?id=com.guyasoft.sakpase>
- Produced 5 app UI translations. Because app's primary target area is French Guiana and Caribbean regions it is available in different creole languages, as well as French and English
- Completely prototyped app
- Architected full-stack using different technologies
- Deployed to Google Play and Apple App Stores
- Performed beta testing with TestFlight and Android Beta Channel Releases
- Set up and maintained different databases: Firestore, MongoDB and Algolia
- Utilized React Redux for transient app state
- Implemented offline first approach with react-native-offline module
- Integrated multiple React Native modules such as react-navigation, react-native-firebase
- Carried Test-Driven Development with Jest
- Created and tested NodeJS backend code
- Adopted server-less coding thanks to Google Cloud Functions in NodeJS
- Deployed companion website on MEAN stack
- Insured code robustness by using Typescript on React Native mobile Frontend
- Due to some limitations in React Native, developed native modules from scratch Native iOS (Objective-C and Swift) + Native Android (Java). Those modules communicate back and forth with JS engine
- Created nice animations on: <https://sakpase.app>, inspired by Apple's website design
- Deployed internal React Native mobile application - name kept confidential - for client DGAC for Paris CDG Airport's 300+ air traffic controllers. This app contains sensitive, information pertaining to air traffic handling
- Used Firebase's live database update notifications to enable real time messaging with push notifications
- Revamped *Jolotte* mobile app
- Transformed native iOS to React Native
- Developed Android version that was missing

iOS Developer, 01/2014 - 11/2019

Management Decisions, Inc. – Plano, TX

- Developed *Jolotte* iOS native app <https://apps.apple.com/tt/app/jolotte/id1435118096> for client Jessica Lefort in Cayenne, French Guiana
- Deployed *Jolotte*'s backend with Algolia and Firebase databases
- Explored AVFoundation to scan make-up products
- Integrated StoreKit for in-app purchases
- Integrated Local Notifications to notify users when makeup product goes out of life
- Produced basic native iOS app called MarkdUp was released for private client
- Integrated Faceboook Places API to find places around and persist data to device's disk
- Keeps local data up-to-date by making use of Core Data's NSFetchedResultsController class keeps
- Integrated Facebook Audience Network SDK to display native advertising
- Deployed app to Apple App Store
- Working on side-project social media mobile app
- Integrated Twilio Programmable Video API for live video-chat
- Made use of Reactive Programming paradigm thanks to RxSwift, RxCocoa
- Performed test-driven development. Nimble's unit testing environments helps in testing for fatal error
- MongoDB powers geolocation search, allowing people to explore their surroundings and find other users around them

Full Stack Developer, 01/2013 - 03/2016

Bigbear.Ai – Columbia, MD

- Free lancer at individual company 'Jessica Claire' - New York and Paris
- Deployed Wordpress-managed and responsive website <https://lesdiams.com> for *Rémire Diamant d'Armire Lions* Club charity branch in Cayenne, French Guiana
- Created Theme from scratch to match the Club's yellow and purple logo colors
- Successfully integrated payment forms for donations
- Used Gulp.js automated build process which handled repetitive common tasks such as compiling SCSS, minifying JS files
- Improved SEO with Yoast
- Processed donations via Stripe payment API
- Implemented basic website security with Google reCaptcha and iThemes Security
- Managed French and English Translations with PoEdit
- Built Members-Only section accessed by email / password credentials for club members to share private information such as meetings reports, member birthdays and contact numbers
- Set up accounts for 30 club members
- Deployed presentation and admin website for *SaKPasé* mobile app: <https://sakpase.app>
- Built admin section to update news and events information that are displayed mobile app
- Used different javascript libraries: Vue.js, axios, jQuery, ScrollMagic
- Used Webpack mostly for website's admin side
- Provided consulting work for French Politician Christiane Taubira to launch her future online platform

EDUCATION

Associate of Science: iOS development, 2018

Udacity - Mountain View, CA

NYU Bridge Program in Computer Science: 2018

New York University - New York, NY

Web development: 2014

CNAM Paris - Paris

Air traffic control ENAC - Toulouse: 2013

CNAM - Paris

ACCOMPLISHMENTS

- Implemented the complete stack of a charity's website where people were allowed to donate money.
- Designed Wordpress theme from scratch
- Set up credit card payment forms using Stripe.
- Created responsive websites using media queries or Bootstrap.
- Completed several projects for the Udacity Nanodegree while being an Air Traffic Controller full-time
- Deployed first iOS app called MarkdUp with no rejection from Apple
- Developed internal Air Traffic Control app
- Deployed multi language event-finding app *SaKPasé* to both Google Play Store and Apple App Store
- Developed native modules for use inside React Native project
- Marketed an app on different platform: TV, radio, social media
- Worked with a famous female French politician to create her own website so she can publish her work

CERTIFICATIONS

- IOS Developper - Udacity, Online
- Android Developer - Udacity, Online
- Computer Science Bridge Program - New York University, Online
- Web Site Professional Certificate - CNAM, Paris
- MongoDB Certificate - Mongo School, Online

ADDITIONAL INFORMATION

Former air traffic controller from Paris CDG airport, I am a hard-working, detail-oriented and careful person. As a US legal permanent resident, I am very excited to fully dedicate my career to the IT industry.