Michel **Kansou**

Full Stack JS developer

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Résumé

I'm Michel Kansou, a French full stack developer and interface designer with five years of experience working with JavaScript, Typescript, React, NextJS and NodeJS to deliver exceptional customer experiences.

I love to experiment with graphics and interactivity, I adapt at contributing to a highly collaborative work environment, finding solutions, and determining customer satisfaction.

My work consists of a healthy mix of useful interface libraries and performance optimization.

Technical Skills

Languages : Javascript, Typescript, Bitcoin Script, Solidity, Python, SASS/CSS, HTML5

Frameworks : ReactJS, React Native, NextJS, NodeJS, AEM

Tools : VSCode, Xcode, Vagrant, GitKraken, Slack

Standard : Git, MVC, Agile / Scrum / SAFE

Libraries : Socket io, Redux, RxJS, Web3js, bitcoinjs-lib.

Education

B.Sc. in Computer Science   *Arras, France*
College of Science and Engineering, CESI Exia
                                                                                                                              Sep. 2013 - July 2018

Side Projects

Bitcoin Explorer : Bitcoin Blockchain Explorer using Blockchain API (May. 2019)

Tiberian : iOS and Android App that generates 2-step authentication codes. (2018)

Squart : Personal Project, Creation and development of a mobile game for iOS 9 using Swift. This project gave me a rich knowledge of this language and a great competence in Object-Oriented Programming. (Summer. 2015)

The Walt Disney Company

Booking Application with magical experiences

Context

The Walt Disney Company, commonly known as Disney is an American diversified multinational mass media and entertainment. The company established itself as a leader in the American animation industry before diversifying into live-action film production, television, and theme parks.

My mission was at Disneyland Paris formerly Euro Disney Resort, is an entertainment resort in Chessy, France, a town located 32 km (20 mi) east of the centre of Paris. It encompasses two theme parks, many resort hotels, Disney Nature Resorts, a shopping, dining, and entertainment complex, and a golf course, in addition to several additional recreational and entertainment venues.

Disneyland Paris made up of several business sectors and different teams, this entertainment group targeting individuals and businesses (B2B) I have integrated two teams (Rasta & Rockett), which are made up of several Front-End & Back-End developers.

I participated in the maintenance and development of the site disneylandparis.com

Position: Front-End Developer

• **Project refactoring with React Hooks and React Context API**

• **Development of functional components**

• **Migrate the whole application to NextJS**

• **Optimization of Code performance by reducing complexity**

• **Replacement and improvement of SASS style structure with styled-components**

• **Improved application security through front application hacking sessions**

• **Improvement and reduction of business rules on the front end application**

• **Participation in the delivery of releases and production meetings**

• **Development of generic forms and components for the creation of bookings with JS and Redux**

• **Loading atomic components on the fly thanks to Webpack Code Splitting**

• **Design of the technical overhaul of legacy components into functional components**

• **Integration of Onpaie (internal payment system) for booking**

• **Participation in internal Disney workshops to improve the development of the application**

Technical Stack

JS, Typescript, NextJS, ReactJS, Redux, Jest, Enzyme, SASS, Webpack, Gitlab, Snyk, NodeJs, VS Code, cypress

AXA

Industrialization of generic forms

Context

AXA is a French international group specializing in insurance since its creation, and in asset management since 1994.

AXA is made up of several business sectors and different teams, this insurance group aimed at individuals and businesses by meeting their service needs in terms of insurance, provident planning, savings and the transmission of wealth.

I joined two teams (Convergence & Ebusiness), which are made up of several Front and Back developers.

I participated in the maintenance and development of the site axa.fr

Position: Front-End Developer

· **Development of atomic components for AEM (Adobe Experience Manager)**

· **Development of generic forms for the creation of quotes with JS and Redux**

· **Loading atomic components on the fly thanks to Webpack Code Splitting**

· **Design of the technical overhaul of legacy quotes in atomic component**

· **Integration of the Payline cash register system for home quotes**

· **Participation in AXA internal workshops**

   · **Technical presentation of the blockchain, explanation of the Bitcoin and Ethereum Smart Contract protocol**

Technical Stack

JS, ReactJS, Redux, Jest, Less, Webpack, AEM, Java, Intellij, Azure DevOps Server

NEOPIXL

Instant messaging on mobile

Context

Neopixl, a subsidiary of the Smile group, is an expert studio in the mobile digital field.

In response to a customer request, Neopixl has developed an iOS and Android mobile application that allows users to create, share and participate in events. It also allows room reservations thanks to an integrated calendar. Finally, it embeds instant messaging with private and public sessions.

I joined a team of 20 web and mobile developers as an intern Front End developer. I was responsible for developing :

- The application management API, serving the web and mobile fronts.

- The instant messaging session and message management API

- Mobile application

- Prototypes as part of feasibility studies on various customer projects

Position: Mobile Developer

- **Development of an API with Directus which manages both the data for the Back Office and the mobile application**

- **Development of an API that manages messages & sessions for instant messaging with Socket IO and Redis**

- **Development of a hybrid mobile application with Ionic which will be the platform used by users.**

- **Development of mobile prototypes (R&D):**

  - Navigation application on iOS using the mapbox library

  - Responsive web application for mobile with Angular, involving the scanning of QR Codes from the browser using ngx-scanner

  - Constant discussions in autonomy with the Design team for the front line.

Technical Stack

Angular 5, Ionic 3, Swift, Directus (CMS Headless en PHP), PHP, NodeJS, SocketIO, Redis, Mapbox, Xcode, Android Studio, Visual Studio Code, PhpStorm, Sketch, Postman, SourceTree, Bitbucket, Slack

NEOXIA

User-friendly e-commerce web application

Context

Neoxia is a consulting, development and design firm created in 2000

In this internship I joined a team of five web developers. All the projects were organized according to the agile User Story method.

Position: Front-End Developer

- **Main project: e-commerce platform**

As part of a response to a customer need, Neoxia has developed a web platform to allow any user to create a kind of virtual gift. The idea is to add a product from a brand supported by this platform to your wishlist.

  - Front-end development of the application with React and Redux

  - Back-end development with Laravel 5

- **Side project: high performance computing**

This project aims to use the potential of high performance computing in an innovative way.

The goal is to store massive data from 3D images of entire mouse brains on a microscopic scale, in experimental models (uncompressed images that can exceed 100 TB per brain!). My role was to develop the front-end and the back-end with Laravel and React.

- **React Native research and development**

The last part of my time at Neoxia saw me develop a prototype mobile application to study the pros and cons of React Native.

After several weeks of study, the advantages of React Native are:

  - The cross-platform: a single code for two iOS / Android applications.

  - Performance similar to native applications.

  - Common Web & Mobile application status management using Redux.

  - Supported by native languages which allows the creation of "**Native Modules**" to add more components.

The main drawbacks of React Native are the immaturity of the technology (less mature than Swift and Android Java). We must therefore be particularly vigilant with updates to iOS and Android

Technical Stack

React JS, React Native, Redux, Laravel 5, PHPUnit, SMACSS, Postman, SourceTree, Github, Trello, Slack, Travis CI

KUMQUATS

Development of advanced WordPress sites

Context

Kumquats is a partner company of many communications professionals and publishers of online software or mobile applications.

In response to requests from their clients, Kumquats develops websites based on the graphic models provided. The developed sites must be easy to manage and be Responsive Design for mobile.

In this internship I joined a team of three web developers, all projects were organized according to the agile Scrum method. We follow all established code conventions.

Position: Front-End Developer

· **Web development**

My missions mainly focused on the development of websites with WordPress and the creation of more advanced administration interfaces with the WordPress ACF (Advanced Custom Fields) plugin.

· **React Native prototype**

A Kumquats customer asked us to develop a time clock application to record the entry and exit of employees with badges. I was offered to create a demo for Android tablets using React Native

- Interface development

- Development of a "**Native Modules**" for React Native: reading / writing NFC badge

Technical Stack

React JS, React Native, WordPress, PHP, Semantic UI, SMACSS, Gitlab, Mantis Bug Tracker, SourceTree, Vagrant, Genymotion

Area of interest ─────────────────────────────

Disruptive technology, Music (Retro Synthwave), Sport, Reading Books, Cryptography, Cryptocurrency &