Boutchamir Zakaria

Senior Engineer

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PROFESSIONAL EXPERIENCE

SWIBECO | Senior Full Stack JS Developer   Remote | July 2021 – Current

- Participated in the maintenance of company's v1 e-commerce platform built with ANGULARJS.
- Reviewed designs created by designers to ensure they are functional and meet usability standards.
- Migrate e-commerce platform to v2 using REACTJS, TYPESCRIPT, and REACT-HOOK-FORM.
- Conducted an in-depth study of various solution options and evaluated their potential to meet project requirements. Designed and developed a feature toggle system with a gradual rollout capability to ensure minimal impact on end-users during the deployment of new features. the team was able to significantly improve the speed and reliability of the software delivery process while maintaining a high level of quality.

4D LOGICIEL | RELEVANT | Senior Full Stack JS Developer   Remote | Feb 2021 – July 2022

- Designed the system with a non-functional parameter in view, such as configuration, logging, parameterization.
- Conceived a generic module that renders ui forms and widgets from json served from backend using server side rendering using NEXTJS, TYPESCRIPT, and REACT-HOOK-FORM.
- Introduced testing for every layer of the project by adding unit testing using JEST and REACT-TESTING-LIBRARY, CYPRESS for e2e tests and NEWMAN for api testing. and forced a threshold of 70 % (code coverage).
- Streamlined CI/CD using GITLAB-CI/CD to perform build and run test and security audits checks for continuous integrations and deploy after successful integration in correspondent environments for continuous delivery.
- Ensure code quality by implementing code review process and introducing PR TEMPLATES and HOOKS in local development environments for running tests and static code analysis.
- Make design decisions to help team focus on development.

4D LOGICIEL | CAREERCARD | Senior Full Stack JS Developer   Remote | Feb 2021 – July 2022

- Assessed and Created a subscription module using STRIPE, EXPRESSJS and MONGODB that supports plan upgrade/downgrade and unsubscription.
- Migrated Mobile Application core REACT NATIVE from 62 to 67 using the UPGRADE HELPER.
- Refactored the existing codebase based on best practices.
- remade web back-office to be full responsive,ergonomic and user friendly using CHAKRAUI.

4D LOGICIEL |DASHBOARD | Senior Full Stack JS Developer   Remote | Feb 2021 – July 2022

- Prepared the architecture for the web cloud dashboard application using VUEJS, AWS AMPLIFY, and set up the ci/cd for the stack, we used COGNITO for managing authentication and APPSYNC as api interface to take advantage of types codegen since we use TYPESCRIPT in the frontend app.
- Created and Authored API's for backend Services for the mvp.
- Integrated lambda functions to add more customisation and implement extra logic to appsync.
- Assisted in testing and support of the application.

4D LOGICIEL | ELDERMARK | Full Stack JS Developer   Remote | May 2020 – FEB 2021

- Designed and implemented a generic api test generator using EXPRESSJS and HTTP PROXY MIDDLEWARES that will proxy api requests incoming from end clients to the server and will write test from NUNJACKS TEMPLATES with javascript extension that will be run MOCKA and CHAI

- Developed a Connector using typescript to consume **4D REST** engine and replace the native datastore object provided by **WAKANDAJS** .
- Changed all the codebase within **WAKANDAJS** that rely heavily on the **SYNCHRONOUS DATASTORE** with asynchronous code using the connector.
- Replaced the **SYNCHROUNOUS STORAGE** with a asynchronous system that uses **REDIS** for cashing.
- Migrate Graphql architecture to nodejs from wakanda and converted all resolvers to be asynchronous.

4D LOGICIEL | 4D DISCUSS DISCOURSE | Full Stack Developer   On-Site | JAN 2020 – MAY 2020

- To lower maintenance costs and coding a new version for **4D FORUM** I was in charge of doing a benchmark study of different saas products alternatives,one of the candidates I suggested was adopted for several reasons(features/pricing) is **DISCOURSE**
- Once the solution is chosen the purchased plan didn't include the migration I took in charge migration process. mapping all the properties of existing data with discourse model. using nodejs scripts for reading the exported csvs I processed data and adapt it to be used later in discourse data insertion.
- Followed the **GUIDE OF INSTALLTION** I setup my local environnement to execute my data insertion using **DISCOURSE REST API** the migration should include all languages and keep user experience seamless by keeping the same accounts and notifying active members with the new portal **4D DISCUSS**

4D LOGICIEL | TAOW | Full Stack JS Developer   On-Site | Nov 2020 – JAN 2020

- Animated technical workshops on how to use **REACT BOILERPLATE**. the boilerplate offers a lot of tools out of the box such as Internalization,Seo and a predictable state management using redux and redux-saga.
- Design and Architecture proof of concept integration of React in 4D Ecosystem

4D LOGICIEL | 4D PROJECTS | Full Stack JS Developer   On-Site | Jun 2019 – Nov 2020

- 4D Professional Services is one of the most important services of 4D Corporate the rise of a tool to centralize the saas products used internally by 4D **ZOHO CRM** to manage client relationship (leads/sales ...) and **ZOHO PROJECTS** as tool for project management. 4D projects is a home made tool that uses rest ap exposed by both services to give a global view both in timeline and in process of different aspects such as project validation,resources evaluation,automated tasks, reporting.
- I choosed the **MEAN** mongoDB as database,express as nodeJS framework for backend code, **ANGULAR** as frontend framework and nodejs as the application runtime of the application

SQLI | GROUPE SEB | Junior Front end Developer   On-Site | JUN 2018 – JUN 2019

- Due to the heavy turnover in SQLI Corporate I was lucky enough to take full charge of redesigning and implementing the new checkout process for the mojority of **SEB STOREFRONT WEBSITES** like rowenta,calor,tefal,krups...
- Since the majority of the websites were included in the redesign the estimation of the work didn't met the client deadlines since I was the only front end developer staffed on the project. To reduce the amount of work I used sap hybris storefront addons.By doing so I reduced the time by implementing the layout,styling and javascript as much global and generic as possible in the addon that will generate at build time code inside each storefront(company website) after that I add customization for each website in the correspondent storefront.Since the project was using JSPs(SSR) most styling and javascript code was written using saas and jQuery.

SKILLS

Languages	Javascript/Typescript,LaTeX,MarkDown.
Web Framework	Vuejs, Angular 2/11,ReactJS,NextJS,NestJS,ExpressJS,GatsbyJS
Styling/UI frameworks	CSS,SASS,Less,Styled Components,ChakraUi,Tailwindcss,MUI
DataBases	MongoDB,DynamoDB,Mysql,PostgreSQL.(RestfulAPI,GraphQL).
Testing Frameworks	Jest, Jasmine/Karma, cypress, mocha/chai.
Mobile	React Native
Devops	Nginx , Docker, Gitlab Ci.
Cloud	AWS Amplify,Netlify,Heroku.
Versionning	Git
Communication	English, French, Arab

ABOUT ME

Raised in Settat, I moved to my birthplace of El Jadida to pursue my interest in computer science at the National School of Applied Sciences, where I specialized in IT System Engineering. I'm now based in Rabat.A JavaScript enthusiast, as well as, articulate analytical software engineer; specialized in app development, with a result-driven and customer-focused modi operandi. Also, a vigorous and supportive partner; committed to streamlining processes and efficiently contributing in all project phases.

EDUCATION

IT engineering diploma   ELJadida, Morocco | 2018
NATIONAL SCHOOL OF APPLIED SCIENCES