Hamza AFFANI

Software Engineer at HPS

ABOUT ME

I am a software engineer, working currently on building electronic payment systems. I'm interested in learning about software technologies, and development tools. i am also passionate about furthering my knowledge in term of the functional business side behind the payment industry.

SPECIALIZATIONS

Programming/Spoken languages

- Java, Javascript, TypeScript, Shell, C, Oracle (PL/SQL), GraphQL, Python, C#, PHP.
 - French, English, Arabic.

Libraries & Frameworks

- JEE env (Hibernate, Struts2, Maven, AspectJ...)
- React, Angular, Gatsby, Node.JS, Express, JS env (Redux, Babel, Webpack, Bazel).

Others

- Problems solving, Aspect oriented, UML, OCL.
- .NET Winforms, DevExpress, Ionic, Framework7.

CONTACT INFO

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WORK SUMMARY

SOFTWARE ENGINEER
Hightech Payment Systems | September 2018- Present

- Developed functional skills on the three main sections of the acquiring product:
   -> Merchant, settlement, acceptor points, mandates, equipment/accept. contracts management.
   -> Transactions & remittances.
   -> Cases, events and litigation.

- Worked on the enhancement of PowerCARD* solution by implementing MasterCom API (report TQR4), FEXCO standards (PL/SQL Oracle), settlement fees, chargebacks, billable elements using JAVA specific REST services (server-side), SpringBatch and Docker unix machine to launch the jobs and exploring traces.

- Analyzed/fixed bugs & maintained code for all deliverables of the product: UI, DB, Server.

- Proposed and implemented scalable technical solutions to issues such as build long time, common modules, git hooks to enforce same prettier & commit messages rules.

- Worked mainly with acquiring product team of developers, testers and business analysts on migration of acquirer module from Flex to Angular on UI level & from PL/SQL to Spring Batch on jobs level, but also contributed occasionally on implementing HPS's client specifications such as CAPS (Credit Agricole Payment Services), ABSA, SAOUDI Payments.

FRONT END - REACT DEVELOPER
The Lobby | February 2018 - Aout 2018

- Contributed to the development, bug correction of a 'banking institutions recruitment support platform' providing mocked interviews & advices from company insiders via 1-on-1 calls.
- Have calls and discuss project requirements and workflow.
- React.JS, Redux, Jekyll, Tachyons, Mixpanel, Docker & Netlify for deploying are the technologies and tools we used to build it modern, performant, and robust.

OBYTES - INTERNSHIP
Studying final project (PFE) | February 2018 - June 2018

- Building a react application simplifying the collection of employees statistics within the company (organization) using Github API & Trello API including data visualizations of their top languages, commits etc, and also their trello boards.

ACADEMIC BACKGROUND

NATIONAL SCHOOL OF APPLIED SCIENCES - ENGINEERING SCHOOL
Mohamed First University | 2012-2018

- Graduated with a chartered engineer degree, computer engineering , software option.

OTHER PROJECTS

- PFA 2017: Developed watchful technology portal that collect data via RSS feed from different technology news infos providers to help in strategic decision making (business intelligence).

- Interactive app for publishing content on social networks using (FacebookSDK, Twitter API).

2020'S CAREER OBJECTIVES / INTERESTS

- Get certified OCP JAVA 11.
- Improve/build skills concerning those topics: Big Data, Kafka, Cryptocurrency...
- Attending dev conferences such as DEVOXX (DEVOXX.MA attendee 2017, 2018, 2019).
- Swimming, traveling.