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HIGH POTENTIAL FREELANCE SOFTWARE ENGINEER

FIELDS OF COMPETENCE: software engineering fullstack (db + backend + frontend), devops, leadership.

TECHNICAL ENVIRONMENT:
 + OS: Windows (all versions), Linux (Ubuntu, Debian).
 +Tech: JAVA, SPRING(Boot, Data, Security...), SOAP+REST API, MicroServices, SQL+NoSQL, Js/NodeJs, Angular(Ts), GIT+SVN, Agile(Scrum+Kanban), DevOps(CI/CD, Docker, Jenkins, K8S, Tomcat, Azure).

SUMMARY:
With a solid background in software engineering and IT project management, I have more than fourteen (14+) years of experience accumulated on professional software projects with high added value as a fullstack software engineer (sometimes lead) for big accounts companies of various sectors and different sizes (ESN, airlines, banks, retail, scale-up, public service…). Experienced and confirmed technician, hard worker, fast learner with the ability to take responsibility, I am looking for a role to play in a professional and multicultural environment of high level where I could contribute to the achievement of the overall objectives of the company.

PROFESSIONAL EXPERIENCE:

From 06.2023 – today – **Trescal group**
Position: Software & security engineer
Trescal is the world leader of metrology. It's a large group of metrology laboratories that uses Atlas, an internal ERP running to manage their global activities. I joined the dev team to maintain the existing Atlas, prepare the development of Atlas version 2 in more recent technologies (Java 17, Spring boot, Angular 14, Gradle, Docker…), and tackle all security concerns on Atlas ERP. As the software security reference, i've introduced and installed security practices in Atlas enhancement development cycle. Also develop the whole API integration project between ERP Atlas with Microsoft 360 CRM provided by a third party. I contributed to improve Agile scrum environment for the team. We worked in an international context with english as the main language of communication and the dev team located in different countries around the globe (USA, Germany, Morocco, France, Spain, Belgium, Singapour…).
- Maintenance of legacy globally used ERP Atlas V1.
- Security reference engineer : i introduced technical security patterning within Atlas lifecycle development.
- Design, architecture and development of a Restful API to allow soft integration between ERP Atlas and Microsoft 360 CRM. This integration highly improved commercial and business activities of the group.

From 03.2023 – 06.2023 – **Vialink**
Position: Senior software engineer
Joined Vogue Merry, the team responsible of redesigning, improving and maintaining ecautions, one of the main saas that brings Vialink as the France leader of RegTech. eCautions is a Software as A Service application that put in relation issuers (banks and insurances companies) together with Constructions and Public Works (CPW) companies to allow them to issue guarantees in benefit for CPW clients. We develop the version 2 of ecautions, improve existing functionalities and develop new ones, maintain the legacy and new version day in day out by fixing bugs reported by customers. It's a fullstack job, we manage everything from database through, Java backend Restful Api, till high level Angular frontend. Also, we take care of Devops and tests tools(Docker, Jenkins, Kubernetes, Playwright, SonarQube…)
- Fullstack redesign and development of eCautions version 2, formerly in old technologies (JSP, Java 7, Struts...) now in more modern ones (Java 17, Spring boot, Angular 14, Maven, Docker, Jenkins, Kubernetes…).
- Design and architecture of new modules of eCautions V.2.

From 03.2021 – 10.2022 – AUSY (mission in Odigo)
Position: Software engineer
Joined the department SOFT of the CCaaS world lead solutions provider in which developers are grouped around two major teams : RUN (maintenance and follow-up of existing projects) and BUILD (development from scratch of new projects). I intervene as a transverse developer that means in both RUN and BUILD projects usually in full autonomy and technical versatility on all the layers of each projects.
- Fullstack development of LiveTranslator, multilingual simultaneous communication solution integrated to SVI (Interactive Vocal Server) and to the CCaaS management service which is in SAAS.
- Fullstack development of MassAdmin, application allowing users to perform CRUD mass operations to configure the Odigo Routing objects module.
- Development of SI-Survie, the transfert and automatic data loading service of Odigo clients to the Odigo CCaaS solution : case of Maif and Auchan.
- Management and maintenance of SAD (Service Anti Depassement) and LCLF (Lutte Contre La Fraude) services of the group BPCE(Natixis). SAD and LCLF are high financial added value backend services for Natixis. SAD is an alert and eretail banking services (bank loans). LCLF is a detection and warning service for scams and suspicions.
- Maintenance and follow-up of Pole Emploi actualisation service responsible of monthly saving and update of job seekers in whole France and overseas territories.
- Study and technical costing for the upgrade of the Verint connector, application streaming digital events from Odigo products channels to respectively concerned customers
- API360 refactoring : service allowing importation and batch process(delete) in oneshot of data in the base from csv files
- WeatherAPI refactoring : service providing others services status and health for a centralized monitoring

From 02.2021 – 03.2021 – AUSY (department R&D - innovation – artificial intelligence)
Position: Software engineer
Modular drones : hacking open source OS of drones to being able to create an ecosystem of modular drones that recognise their environment, work and communicates together.
- Training in Artificial Intelligence fundamentals
- Training in Python 3
- Training in professional project communication.

From 06.2020 – 02.2021 – AUSY (mission in Arkea)
Position: Software engineer (lead intermediate)
Works as an experienced developer in a team of REST Api distribution for Arkea bank. We work on the layer in between core business layer and corporate clients layer within both B2B and DSP2 european business fields. I participated to the following and maintenance on B2B and to technical steps of design, architecture, organization then refactoring of DSP2. I train junior developers and plays as bridge with the manager.
- Build new REST APIs ordered by the business goals or clients needs (Asynch-archive, MySuccession).
- Manage and maintain existing APIs and improve their functionalities to follow the business transformation and respect of european norms (DSP2).
- Take over and manage progressively all distribution APIs from other teams and introduce the team as the reference of API distribution inside Arkea.
- Expose our API endpoints and swagger models on a dev portal

From 11.2018 – 01.2020 – AUSY (mission in Amadeus)
Position: Software & Devops engineer
Developer inside a multipurpose and multiskills team working on : persistence on JCR (NoSQL), Backend Java (SpringBoot, Yaml, OSGI+NEBA+Sling, AEM modules), Frontend Angular, DevOps (Jenkins, Docker, Groovy, Openshift, Jboss, Tomcat, loaders, customs deployment service…).Scrum agile team of the DGA(Digital Airlines).
- Full stack development of AEM DES application (from design/modelisation to coding through persistence implementation and operational environnement). AEM DES (Adobe Experience Manager Digital Experience Suite) is an application that serves Amadeus eRetail products on internal platforms for his client Air CANADA. AEM DES is destined to be more modern and should replace the existing product called ePersonalise.
- AEM DES integration into Air Canada CMS (AEM), modules distribution regarding users authorizations and AEM configurations (Backend and Frontend aligned on AEM).
- Development of the whole hosting & operational environment of the AEM DES solution on Amadeus servers.
- Development of 'deployment-service', a SpringBoot complete deployment service of applications and airline content working like Jenkins do.

- Maintenance and improvements of the existing application's modules e-Personalise already used by many Amadeus's clients such as Kenya Airways, Lufthansa, Air China, Air France, Hainan Airlines, American Airlines, Japan Airlines…This's for eRetail products and services and the ecommerce website management.
- Training followed: Angular basic, Angular advanced, Spring advanced, AEM 6.4 (Frontend and Backend).

From 12.2017 – 08.2018 – AUSY (mission in Air France KLM)
Position: Software engineer
Mission inside two teams of passengers pole (B2C) and one team of cargo pole (B2B):
- Full stack development of Offer View, an intuitive tool that collects data from different datasources of flight offer data management shared within multiple teams of the B2C plane.
- Back end development on Flight Offer, passengers pole project responsible of flight offers, availabilities, booking, part of the KLM.com funnel and KLM mobile application and also landing pages.
- Full stack development on the team Quote & Book, cargo pole project responsible of flight offers, quote, booking, availabilities and pricing on the website AFKL.com Martinair Cargo.

From 09.05.2011 – 08.2017 – CAMEROON AIRLINES CORPORATION (CAMAIR-CO)
Position: e-commerce specialist / fullstack developer
SAAS development of the internal departments of the company (SingleBill, ReportGen...)
Manage online sales and digital presence (company's commercial website developments, social media accounts, domain names management, newsletters, web analytics and mobile products/services, SAAS dev. projects).
- Implemented the company's online booking engine and generated 20% of the turnover in less than 3 months.
- Full stack developed Singlebill, a SAAS web application that avoid redundancy while saving providers bill in the financial and quality control department.
- Full stack developed ReportGen, a SAAS web application that generates automatic and synchronized reports for all IT staff.
- Full stack developed a web service that shares sales reports within departments.
- Directed the mobile money service that increases the turnover at 15% and allow clients to pay 24H/24.
- Implemented a mobile information service that generates 0.1€/SMS and 36% charge reduction on call center.
- Developed the newsletter service that gathered 4043 online subscribers each month.
- Implemented commercial web services: frequent flyer program, baggage/cargo tracking, booking check…

From 02.2009 to 05.2011 – INTERFACE SA
Position: software developer
Played as part of a team of full-stack developers working on various technologies and spent days designing softwares & databases, improving features on existing ERP and website's module, sometimes owned products and made interventions on customer's side.
- Full stack developed a workflow engine that integrated it to SESAME, the company's ERP.
- Developed the control & return goods module which reduces at 55% the customer service charge.
- Full stack developed and integrated the medical file planning modules on for 466 FEICOM's staff.
- Deployed and configured information security system in SMS servers producing 121951€/day.
- Developed the company's ERP backend management module, which covers about 600 script pages.

From 09.2008 to 10.2008 – ACADEMIC INTERN AT GLOBAL SOLUTIONS
- MERISE designed the information system of a wine sales business in one month with 12% time saving.

From 09.2007 to 10.2007 – ACADEMIC INTERN AT CUD
- Full stack developed software for staff leave management, immediately saving 30% costs.

From 10.2006 to 12.2006 – ACADEMIC INTERN AT GUINNESS SA (DIAGEO GROUP)
- Developed a software for IT hardware management (projectors, conference phones, printers) for 1250 users.
- Reviewed and classified CARM documents for 40 IT users.
- Updated and printed files and IT permissions for ERP SUN's users.

From 07.2005 to 09.2005 – ACADEMIC INTERN AT SNEC
- Full stack developed a software for the company's infirmary management used by 8 nurses.

ACADEMIC TRAINING :

2009 : Institut Supérieur des
Technologies et du
Design Industriel (ISTDI) /
Institut d'Ingénierie Informatique
de Limoges (3IL)

MASTER II in software engineering

2006 : Ecole Normale Supérieure
de l'Enseignement Technique
(ENSET)

BACHELOR in computer science
project management

2005 : Institut Universitaire
de Technologie (IUT)

DUT in computer science
Engineering

PROFESSIONAL TRAINING:

- Angular Fundamentals & Advanced
- Spring Advanced (Boot, Data, Security, Cloud…)
- AEM 6.4 (Frontend and Backend all levels)
- MicroServices with Spring Boot and Spring Cloud
- Azure cloud architect challenge course
- Learning DevOps (2nd edition)

LANGUAGES: **FRENCH**: excellent | **ENGLISH**: professional level

ADDITIONNAL ACTIVITIES:

Travel: like discovering new places and natural environments.

Music: listen to all kind of well-played music.

RED CROSS FIRST AID WORKER: Successfully passed Red Cross diploma and often aids in events.