Corroios, Almada, PT - Hisham Elfadhel Ahmed Khartoum

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https://hishamkhartoum.github.io/my-portfolio/

Service Engineer

Husham Elfadil Ahmed Khartoum
9 years of experience

Experience

I began my career as a field service engineer for IT companies, specializing in support and I've worked in maintenance of generators, vehicles, and other equipment. I also gained experience as a field engineer. Currently, I am working as a web application developer, proficient in both front-end and back-end development. I have extensive knowledge and experience in all stages of the web project development cycle. Additionally, I am well-versed in various programming languages such as JavaScript, Angular, Spring Boot, UI/UX design, Azure, Docker, and Jira.

Skills

1- Beginner Academic , training only | **2 - Intermediate** Level 1 + small projects or internships **3- Advanced** Level 1/2 + project experience | **4 – Professional** Level 1/2/3 + wide professional experience
5 - Expert

PROGRAMMING		
LANGUAGE	LEVEL	VERSIONS
Java	3	J2SE,8,11
JavaScript	2	1.8 (ECMA), Angular 2
PL SQL	2	10g, 11g
PHP	1	5.6
Python	1	2
C/C++	1	Linux
HTML	3	5
CSS	3	2,3
FRAMEWORKS		
Struts	1	2, 3
Spring	2	4
Hibernate	3	4.1
Angular JS	3	2
Node JS	3	0.12
DATABASES		
Oracle	2	9g
My SQL	2	5.7
Mongo DB	2	2.6
Elastic Search	1	1.4.0
TOOLS		
Visual Studio	2	2010
IntelliJ	4	2023
Eclipse	3	RAD
Office	3	2013
OPERATING SYSTEMS		
Windows	3	7, 10,11
Linux	2	RedHat, Ubuntu
OTHERS		
Liferay	3	6.2,7.1,7.2

Projects

NTG Clarity – Backend Developer

October 2022 to November 2023

Context

Working with software consultancy with clients specialized in finance.

Mainly project was a Loan Services using Java + Spring Boot for the API development and Oracle DB as database. Tomcat was the server. Final client is a Bank and project objective is to

integrate the loan company API with the bank the swager systems. The project scope included developing an application to enable customers to submit loan applications for their businesses. Additionally, the application was to be integrated with various government sectors.

Main Activities	Technologies
Analysis and architecture planning	Java; Struts; Spring; Hibernate; JavaScript; Oracle; HTML; CSS; jQuery
Web Development (J2EE)	Rest API;SOAP UI; Postman; Kubernetes; Lens; Gitlab; Jira Atlassian; Liferay Ecommerce; Argo CD; Jenkins
Testing and production support and maintenance	

Wareef Real estate – Software Developer
May 2022 to Nov 2022

Context

The objective of this project is to develop an application that enables users to efficiently manage various aspects of real estate. The application will provide functionality such as property listing, tenant management, financial tracking, maintenance tracking, and reporting. Additionally, it will have user-friendly interfaces for property owners, property managers, and tenants. The application will be accessible via web and mobile platforms to ensure convenience and allow for remote access to essential information.

Main Activities	Technologies
Analysis and architecture planning	Java; Struts; Spring; Hibernate; JavaScript; Oracle; HTML; CSS; AngularJS; jQuery
Web Development (J2EE)	Rest API; Postman;
Testing and production support and maintenance	

ExpatSwap – Software Developer
January 2022 to March 2022

Context

The goal of this project is to develop a secure and efficient online Financial Services system that enables users to easily transfer funds electronically. The system will provide robust features such as user account creation, fund transfer options (including same-bank and inter-bank transfers), transaction tracking, and transaction history. It will adhere to strict security protocols to ensure the confidentiality and integrity of sensitive financial information. Additionally, the system will be designed to offer a seamless and user-friendly experience across web and mobile platforms, allowing users to perform transactions conveniently from anywhere at any time.

Main Activities	Technologies
Analysis and architecture planning	Java; Struts; Spring; Hibernate; JavaScript; Oracle; HTML; CSS; AngularJS; jQuery
Web Development (J2EE)	Rest API; Postman;
Testing and production support and maintenance	

BluuTech – Software Developer
December 2021 to January 2022

Context

The objective of this project is to develop a comprehensive E-learning system that facilitates the management and sale of online courses. The system will provide a user-friendly interface for course creators to easily create and upload their courses, including multimedia content, quizzes, and assignments. It will incorporate features for course organization and management, such as

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categorization, tagging, and search functionality to make it easy for learners to discover and enroll in courses that suit their needs. The system will include an intuitive dashboard for instructors to track learner progress, manage course materials, and communicate with learners. Payment integration will be implemented to allow learners to securely purchase courses through various payment methods. The system will also offer a personalized learning experience, including progress tracking, course recommendations, and learner feedback. Moreover, it will support multi-language functionality and be accessible across different devices and platforms, ensuring a seamless learning experience for users worldwide.

Main Activities

Analysis and architecture planning
Web Development (J2EE)
Testing and production support and maintenance

Technologies

Java; Struts; Spring; Hibernate; JavaScript;
Oracle; HTML; CSS; AngularJS; jQuery
Rest API; Postman;

2P – Liferay Developer
December 2020 to May 2022

Context

The project aims to provide comprehensive outsourced management services for a university web portal using Liferay. It includes the maintenance, enhancement, and administration of the web portal to ensure it meets the university's needs and provides a seamless user experience for students, faculty, and staff. This involves regular updates and upgrades to keep the portal secure, stable, and up-to-date with the latest features and technologies. The scope also encompasses the customization and development of modules within Liferay to address specific university requirements, such as student information systems, online registration, course management, document sharing, and collaboration tools. The outsourced team will be responsible for managing user access, user roles, and permissions, as well as ensuring timely security patches and backups. Additionally, the team will provide technical support and training for portal users. The goal is to deliver a reliable and intuitive web portal that serves as a central hub for the university community's online interactions and information dissemination.

Main Activities

Analysis and architecture planning
Web Development (J2EE)
Testing and production support and maintenance

Technologies

Java; Liferay; Service Builder; JavaScript;
Oracle; HTML; CSS; jQuery; Clay UI; Lexicon

Ibtikar – Liferay Developer
March 2020 to Nov 2020

Context

The project aims to provide comprehensive outsourced management services for a university web portal using Liferay. It includes the maintenance, enhancement, and administration of the web portal to ensure it meets the university's needs and provides a seamless user experience for students, faculty, and staff. This involves regular updates and upgrades to keep the portal secure, stable, and up-to-date with the latest features and technologies. The scope also encompasses the customization and development of modules within Liferay to address specific university requirements, such as student information systems, online registration, course management, document sharing, and collaboration tools. The outsourced team will be responsible for managing user access, user roles, and permissions, as well as ensuring timely security patches and backups. Additionally, the team will provide technical support and training for portal users. The goal is to deliver a reliable and intuitive web portal that serves as a central hub for the university community's online interactions and information dissemination.

Main Activities	**Technologies**
Analysis and architecture planning	Java; Liferay; Service Builder; JavaScript;
Web Development (J2EE)	Oracle; HTML; CSS; jQuery; Clay UI; Lexicon
Testing and production support and maintenance	

Gulf Links – Service Engineer
March 2019 to Dec 2019

Context

The project involved serving as an outsourcer and providing comprehensive support for STC, a telecom company, with a primary focus on their SMS filtering product. The scope of work included managing and maintaining the SMS filtering system to ensure its optimal performance and reliability. This encompassed conducting regular system checks, configuring and fine-tuning filtering rules, monitoring incoming and outgoing SMSs, and resolving any issues or errors that may arise. The support team was responsible for promptly addressing customer inquiries and troubleshooting any concerns related to the SMS filtering product. This involved providing timely assistance via various communication channels, such as phone, email, and live chat. The team also collaborated closely with STC's internal teams to gather feedback, analyze system performance, and suggest improvements or enhancements to the SMS filtering product. The primary objective was to ensure a seamless and secure SMS filtering experience for STC's customers while maintaining a strong focus on customer satisfaction and high-quality support services.

Main Activities	**Technologies**
Analysis and architecture planning	Linux oracle, bash script, nagios, excel vba
Web Development (J2EE)	
Testing and production support and maintenance	

Saudi Bell – Service Engineer
June 2017 to April 2019

Context

The project involved working with Saudi Customs to install X-Ray systems at the Saudi border as part of their security measures. The primary objective was the successful implementation of the L3 System, a state-of-the-art X-Ray technology, to enhance border security. The scope of work included the installation of the X-Ray systems in strategic locations across the border and

ensuring their seamless integration with existing security infrastructure. The team was responsible for conducting thorough testing and verification to ensure the proper functioning of the L3 system and its compatibility with other security systems in operation. Additionally, the project entailed providing comprehensive security services, which involved training Saudi Customs personnel on the operation and maintenance of the X-Ray systems, as well as providing ongoing technical support. The goal was to facilitate efficient and effective border security measures through the successful implementation and utilization of the L3 System, ultimately enhancing the safety and security of the Saudi border.

Main Activities	**Technologies**
L3 Mobile CX-9 X-ray Security system maintenance and Operations. Perkins Generator maintenance and Operation. Software Analysis and operations.	X-Ray, Perking Generators maintenance, Excel VBA, Networking, Site visits

ACNS – Service Engineer
June 2016 to July 2017

Context

a significant aspect of my role was providing technical support to both internal staff and clients. This encompassed troubleshooting technical issues, resolving website-related problems, and addressing inquiries or concerns promptly and effectively. I worked closely with the IT team to ensure proper functionality of website features and promptly address any server or hosting-related issues.

Main Activities	**Technologies**
Analysis and architecture planning Web Development Testing and production support and maintenance	HTML, CSS, Bootstrap, PHP, Jquery

Beacons Systems Company – System Analyst
May 2015 to November 2015

Context

The project aims to analyze requirements, develop test plans, conduct rigorous testing, report and track defects, analyze test results, foster effective communication, implement quality assurance best practices, maintain accurate documentation, and engage with stakeholders.

Main Activities	**Technologies**
Analysis and architecture planning Testing and production support and maintenance	Troubleshooting windows, Functional Testing, Reporting, Excel

Duroob – Service Engineer
January 2014 to April 2015

Context

The project aims to provide an Identity and Access Management (IAM) and Single Sign-On (SSO) solution to the National Information Center, a part of the Ministry of Interior. The scope includes analyzing requirements, designing the solution, implementing it across systems, enabling user provisioning and management, implementing role-based access control, integrating SSO with

applications, ensuring security and compliance, conducting thorough testing, providing training and documentation, and offering ongoing support and maintenance.

Main Activities	Technologies
Deployment of IAM and SSO system on different National Information Centers.	Tomcat; C++; IAM; CA SSO; Fingerprint Installation; troubleshooting windows;
Sanity Checks and Technical Supports for IAM and SSO system.	
Operation Support and Field Support.	

Languages

A1/A2 Basic user; | **B1/B2** Independent user; | **C1/C2** advanced user

	UNDERSTANDING	SPEAKING	WRITING
English	C1	C1	C1
Arabic	C1	C1	C1

Education

Present	Master in Telecommunications and Computer Engineering by ISCTE.
2012 (September)	Degree in Communications Engineering by International University of Africa (16).