Curriculum vitae (CV)

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Date: 06/10/2022 G.C

Dagmlidet Bekele Boke

1. Information Network Security Administration (INSA)

• Experience summary

- More than 6 years of extensive experience in developing different types of application ranging from web application to specialized business applications, BSC systems, BMS and ERP systems and others

- Experience in complete SDLC phases of project involving analysis, architecture, design, development, testing, documentation, administer & deploy various Client- Server, Web, mobile and Windows Applications.

- Experience in analysis and creation of Web applications using Asp .Net Framework (Web forms, MVC)

- ASP.NET Core MVC version 6 (LTS long term support),

- Java EE (Spring + Boot, Spring web service, Spring MVC)

- Experience in analysis and creation of Single Page application in Angular (10,11) with ASP.NET Core Web API

- WPF (Windows presentation foundation) for desktop application

- Xamarin cross platform applications

- Android Native Application by java android

- Testing and Troubleshooting (Unit testing, MS Unite test, xUnit test)

- Hosting and Deployment (Docker, IIS)

- ASP.NET Core Web API Security (JWT, JSon web token)

- Experience in database (i.e. Oracle, PostgreSQL, MySQL, and Microsoft SQL Server)

- Responsible for designing databases and implementation

- Responsible for creating, modifying and optimizing SQL queries (views).

- Experience in Scaffolding an Existing Database in EF Core
- Experience in Code first approach in .Net framework core
- Responsible in designing and developing data migration tools depending on existing clientdata.
- Proven organizational, time management and multi-tasking skills and ability to work independently while being a good team player who enjoys delivering high quality work

DevOps Experience (CI CD)
- GitHub for version control
- Jira for tasks
- Jenkin for automatic build, test, and deploy
- Docker for deployment asp.net core web applications

Some of many projects I have developed until now

- **Project I**

Client	EEP (Ethiopia Electric Power corporation)
Project	BMS (Billing Management System)
Description	- Reads monthly power consumption from Electric metersremotely and manually. - Generates bills from readings Monthly or on demand when customers asks - Generates report daily, monthly, and also yearly. - There is also payment collection depending on generated bills.
Role	Developer
Environment	- Visual Studio 2019, Asp.Net Framework, EF (Entity framework) as ORM tools, - Oracle Database for BMS - Microsoft web service API for communicating data collection application subsystems such as MDA.

• **Project II**

Client	Walta Broadcast Corporation
Project	BSC (Balance Score Card)
Description	The balanced scorecard (BSC) is a strategic planning and management system that organizations use to: ● Communicate what they are trying to accomplish ● Align the day-to-day work that everyone is doing with strategy ● Prioritize projects, products, and services ● Measure and monitor progress towards strategic targets
Role	Developer
Environment	• Visual Studio 2019, Asp.Net Framework, EF (Entity framework) as ORM tools, • Microsoft SQL Server 2014 for BMS

Project III

1. **EBC broadcasting Web application and EBC broadcasting mobile application**

Client	EBC (Ethiopian Broadcasting corporation)
Project	EBC broadcasting Web application and EBC broadcasting mobile application
Description	✓ Works for broadcasting any programs steamed through TV channels and works for livestreaming. ✓ EBC mobile application also prepared for cross platforms(android and iOS) ✓ User also access any programs streamed on TV by their Mobilephones.

Role	Developer
Environment	✓ Visual Studio 2019, Asp.Net, LINQ to SQL as ORM tools, ✓ Microsoft SQL Server 2014 for EBC Web application ✓ Xamarin cross platform, Microsoft web service API, for EBCmobile application.

Project IV

2. **Justice Minister Law's browser.**

Client	EAG (Ethiopian Attorney General) Application/Justice Minister
Project	EAG Document Management system for both web and mobile
Description	✓ Works for browsing any laws and rules prepared by Ethiopian general attorney and any lawmakers.
Role	Developer
Responsibilities	✓ Responsible for Analyzing, Designing, Developingand Implementing EAG document browser app ✓ Responsible for giving training for the customer and test the project in customer environment
Environment	✓ Visual Studio 2019, Xamarin cross platform, ✓ Microsoft web service API, for Justice minister mobile application.

Project V

3. **HOPR CMS**

Client	HOPR (House of people's representative office)
Project	HOPR CMS
Description	✓ This application is installed on only HOPR members.

	✓ So they can access any new meeting agendas and necessary documents ✓ They can send any questions to responsible institutions and also Prime minister through this applications ✓ Any proclamations and regulations uploaded by admin side application is also can be browsed by HOPR Notifier. ✓ Push notification when new meetings are added.
Role	Developer
Responsibilities	✓ Responsible for Analyzing, Designing, Developingand Implementing HOPR CMS app ✓ Responsible for giving training for the customer and test the project in

Project VI

Apps developed by Native android java

1. **AACEB Exam bank**

Client	Addis Ababa City Administration Education Bureau
Project	AACEB Exam bank
Description	Key Features of this APP: ✓ At practice mode, you can see the explanation describing thecorrect answer. ✓ Real exam style full mock exam with timed interface ✓ Ability to create own quick mock by choosing the number of MCQ's andMTQ's ✓ Students can create your profile and see your result historywith just one click. ✓ This app contains large number of question set that covers all syllabus area.

	✓ This App contains questions and answers for different subjects from grade 1-12 level. Published on play store link ✓ https://play.google.com/store/apps/details?id=com.mgsolution.e xam
Role	Developer
Responsibilities	✓ Responsible for Analyzing, Designing, Developing and Implementing AACEB online exam app and web API ✓ Responsible for giving training for the customer and test the project in customer environment
Environment	✓ Visual Studio 2019, Xamarin cross platform, ✓ Microsoft web service API, for AACEB online exam app ✓ Developing admin side by asp.net web forms, Entity framework as ORM tool

Project VII

2. **Kambatissa-English-አማርኛ Dictionary**

Client	✓ Wachemo University Durame Campus and Kambata Tembaro zone Cultural and Tourism Office.
Project	✓ Kambatissa-English-አማርኛ Dictionary
Description	✓ This application is an offline dictionary application, which contains words and their equivalent meaning in three different languages. ✓ These languages are Kambatissa, English and Amharic. Kambatissa language is one ofEthiopian languages spoken in Ethiopia by Kambata ethnic group which is about 5-6 million people. ✓ It works like-If you have one word in English and if you do not know its meaning in Kambatissa then the only thing you do is first

	Select English radio button on the top of home page type the word you know on search area. If the word exists, suggestion list will popup existing words. After that when you click on your word everything about the wordwill be displayed on view. The same toother languages. Play store link https://play.google.com/store/apps/details?id=com.ambarichoapps. dictionaryapplication
Role	Developer
Responsibilities	✓ Responsible for designing and developing Kambatissa threelingual dictionary ✓ (Kambatissa, Amharic and English)
Environment	✓ Android studio for programing ✓ SQLite studio for local database

Note: - I developed other systems Crime Management system to Addis Ababa police commissionand there are other system I had participated with other developers.

Certificates

MICROSOFT CERTIFICATE OF ACHIEVEMENT

This Certificate accredits that

Dagmlidet Bekele Boke

has successfully completed:

 # 20486 Developing ASP. NET MVC 4 Web Services

an Official Microsoft Learning Product as prescribed by

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ITSC Technology Support
June 10, 2022

Part No 098-101955