

AFEWERKI TSEGAY GEBERESELASSIE

Excellent knowledge of software design and development gained through 8+ years of hands-on experience in software developing using C# (.Net), JavaScript (Typescript, Angular), HTML5, CSS and others.

Contact



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| Education  **MEKELLE UNIVERSITY**  *Mekelle, Ethiopia*  *Bachelor of Science (B.S.) Computer Science and Engineering (July 2013)*  aspose\_preserveoriginal | Computer Skills  C++, C, C#(.Net), Java, HTML 5, CSS, JavaScript, AngularJS, Angular 10, Typescript, NodeJS, Express, Hibernate, Entity Framework, EF Core, jQuery, Bootstrap, Razor sharp, MSSql, MySQL, PostgreSQL,  MongoDB (NoSQL), elk Stack , Apache Kafka Visual Studio 2010-2019 Visual Studio Code, Crystal Report, Eclipse, NetBeans, Android Studio, MSSql Management Studio, Git, Slack, Trello, Azure DevOps  Server, Postman, Asterisk, Windows XP/7/8/10, UNIX  (Ubuntu, CentOs) |

Experience

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| **Mar 2019 - Present** | **SOFTWARE DEVELOPER (FULL- TIME)**  *Icap at Columbia University, Addis Ababa*, *Ethiopia*   * **EthiOHRI (OpenMRS)** Integrate OpenMRS with other services or third-party APIs. Set up CI/CD pipelines for automated testing and deployment using tools.Design and develop custom and standard reports using the Spring Boot Framework. Ensuring that the development and deployment of EthiOHRI are smooth and efficient. Technologies Used: Spring Boot, Java, Junit, Maven, Git and GitHub, Docker, Apache Tomcat. * **CDR**- (REST API, .Net 5, Worker Service, c#, firely-net-sdk, MSSql, Mongo DB, openHIM, HL7 FHIR health data exchange standard , Apache Kafka, elk stack). Real time patient data transmission from EMR instances all-round the nation to a central data repository using HL7 FHIR standard. * **REDCap SmartCare Integration**- (.Net Core, c#, redcap-api, MSSql, OpenHIM). App for achieving a smooth interoperability between a web-based   Surveillance app called REDCap and a desktop EMR app called Smartcare. |

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| **Aug 2019 - Nov 2020** | **SENIOR SOFTWARE DEVELOPER (PART- TIME)**  *Tahses ICT Solutions*, *Addis Ababa*, *Ethiopia*   * **UHDMS** - (Angular 10, Knockout, CSS, HTML 5, Web API, .Net Core, EFCore, MSSql, QueryTree). A web application used to track and monitor information regarding government and private owned urban housings and their corresponding tenants from all around the nation. |
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| **Jan 2019 - Mar 2019** | | **SENIOR SOFTWARE DEVELOPER (FULL- TIME)**  *SICS Outsourcing*, *Addis Ababa*, *Ethiopia*   * **APSmart** (Accounts Payable Automation) - (JQuery, CSS and HTML5, Microsoft Silverlight, .Net 4.5, MySQL) a web application used to extract data from invoices with advanced intelligent capture technology and provide human and machine-based data verification services. It also provides an electronic workflow for approval processes, exception handling, storage, and retrieval, and full integration   with your ERP or accounting system | | |
| **Jan 2014 - Dec 2018** | | **SOFTWARE PROGRAMMER (FULL- TIME)**  *Tulane International Ethiopia*, *Addis Ababa*, *Ethiopia*   * **Web Based EMR** – (Angular Js, jQuery, CSS, HTML5, Web API, .Net Core, MSSql) a web application used to automate the business process inside a hospital. Web EMR is used to collect a patient’s demographic and clinical information and at the same time facilitates patient workflow at different service points inside a health facility. * **CHIS (**Community Health Information System**)** – (.Net 4’s Windows Forms, c#, MSSql, Crystal Report, Microsoft Sync Framework): a windows desktop application, which used by community health workers to record, exchange and analyze community health data. Microsoft Sync Framework was used to enable synchronizing between the apps instances in the same LAN. * **IVR (**Interactive voice response) - (CentOS, Asterisk, Java) automated telephony system implemented to interact with health works to gather information. * **MeHMIS** (Mobile electronic Health Management Information System) **-** (c#, [Microsoft Silverlight, Microsoft Windows Phone SDK, Compact SQL) a windows](https://www.microsoft.com/silverlight/) [phone application which enables community health workers to record, and analyze](https://www.microsoft.com/silverlight/) [community health data.](https://www.microsoft.com/silverlight/) | | |
| **Sep 2013 - Sep 2014** | | **PERSONAL PROJECT**   * **Handspeak** (Java, XML, Eclipse, Android SDK and Genymotion Phone Emulator) An android app which helps people with hearing difficulties by providing translations between Amharic sign language and its respective meaning   in Amharic (Ethiopia National Language) text words. | |

References

Dagim Melkie, Team Leader, Icap at Columbia University

25-193-535-0047 - [dmmk.tz@gmail.com](mailto:dmmk.tz@gmail.com) – Current Team Leader

Demelash Tesfaye, Project Manager, Tulane International Ethiopia

25-191-101-0496 - [demtes@gmail.com](mailto:demtes@gmail.com) - Former Project Manager