Tinbite Solomon
Software Engineer (MSc)

A Software Engineer with 5+ years of background in creating and executing innovative software solutions to enhance business productivity. Highly experienced in all aspects of the software development lifecycle and end-to-end project management, from concept through to development and delivery. Hands-on, competent and skilled at coordinating cross-functional software development in a fast-paced, deadline-driven environment to steer timely project completion within budgetary constraints.

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📍 Addis Ababa, Ethiopia

in linkedin.com/in/tinbite-wole
github.com/tswole
twitter.com/tebew

Born July 8th 1989
Married
Ethiopian

AREA OF EXPERTISE

Software Project Management | Scrum & Agile Methodologies | Software Development Lifecycle | System Design | Cyber Security

Web & Desktop Application Design and Development | Cross-Platform Mobile App Development | Computer Networking

WORK EXPERIENCE

Software Engineer / System Lead
On-Time Tech ICT Solutions

2018 - Present

- Currently positioned as the company's senior System Lead and Software Consultant.
- The complete full stack development of a B2C E-commerce web application (Nileaddis.com) with delivery API integration and international payment system integration.
- Full stack development of an E-commerce web application that sells clothing, novelties, books and edible products with complete international delivery and payment system integration. (https://nileaddis.com)

Software Engineer / Developer
Golden Sales and Marketing Institute

2021 - Present

- Tasked with planning, managing and implementing the technological transition of the institution.
- Developing multiple full stack web applications for Golden Sales and Marketing which include:
  - The official dynamic website for Golden Sales and Marketing Institute (https://goldensalesinstitute.com)
    - Functional content management system.
    - Fully functional custom student management dashboard.
    - Dynamic training event management system.
  - Full development, deployment and maintenance of online E-Learning system for Golden trainees. With full payment related access control and dashboard control system. (https://goldensalesinstitute.com/online)
    - A fully functional online learning platform with live messaging features, quizzing, digital certification features and more
  - The new asset investment platform for GSMI. (https://ethio-investment.com)
  - Branch space management system development and deployment.
  - Dynamic web-application for Ethiopian Sales Professionals Association with full custom membership management dashboard. (https://www.ethsalespro.com)
  - Direct marketing lite custom CRM for internal use of GSMI sales team. (https://goldensalesinstitute.com/dm)
  - A full digital library containing books and audio for online and offline students of GSMI. (https://goldensalesinstitute.com/online/library/)
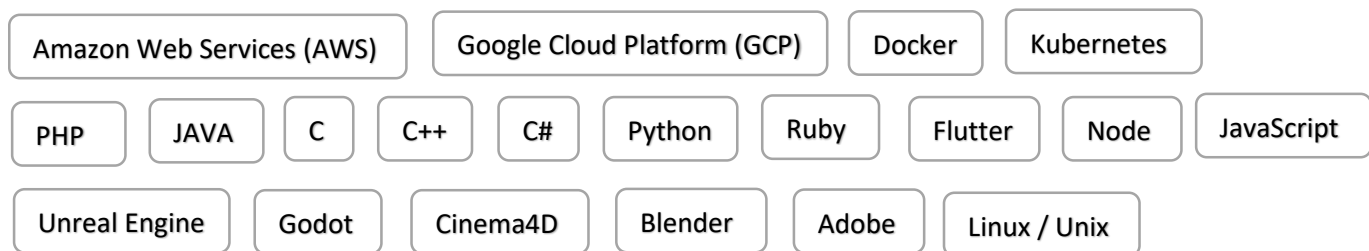
Lead Developer and Co-Founder

Driver's Hub Ethiopia

2019 - Present

- Full stack development of a student management system with multiple advanced features incorporated in it. These include:
  - o Offline Lite Registration and Evaluation System (**C#**)
  - o Online Registration and Evaluation System (**PHP**)
  - o Field Instructor Aiding and Progress Tracking App (**Flutter**)
- You can find the product details (SaaS) using the following link. (https://drivershub.kabaye.com)

TECHNICAL SKILLS

| Amazon Web Services (AWS) | Google Cloud Platform (GCP) | Docker | Kubernetes |

| PHP | JAVA | C | C++ | C# | Python | Ruby | Flutter | Node | JavaScript |

| Unreal Engine | Godot | Cinema4D | Blender | Adobe | Linux / Unix |

VOLUNTEER EXPERIENCES

IT Support and Consultation

BORN AGAIN REHABILITATION CENTER

2020 - Present

- Designing and maintenance the official website, social media and IT related works for Born Again Mental Health Rehabilitation and Healing Charity Association. Including all social media setup and management as well as a payment (Donation) integration system with Bank of Abyssinia. (https://www.bornagainrehabilitation.org)

FREELANCING PORTFOLIO

WEBSITE DEVELOPMENT

15+ Website Projects

2017 - Present

- Worked on numerous website development projects throughout the years. From well-designed static websites to the much complex dynamic web applications including E-Commerce and LMS systems with fully functional management dashboards. Use the following link to see some of my works: (https://github.com/tswole/resume/blob/main/PORTFOLIO.pdf)

PERSONAL PROJECTS

ASSET MANAGEMENT AND MEDICATION TRACKING SYSTEM, PHARM-X (PHP)

2018

- A location based medication tracking system, inventory and asset management system for pharmacies. On its final development cycle and is currently ready for an open beta testing program. (https://omaops.com/pharmx/index.php)

STUCK SPLASH SCREEN FIXER FOR P3DV4.3 - 5 BUG FIX FOR LOCKHEED MARTIN'S PREPA3D FLIGHT SIMULATOR (JAVA)

2019

- Fixes the Splash Screen Freezing bug when opening P3D Version 4.3. Its hosted on my alternate github account. (https://github.com/omaops/Splash-Screen-Fixer-for-P3Dv4.3)

ADDY BOT, AN IFR/VFR FLIGHT TRAINING IRC BASED PLATFORM FOR LOCKHEED MARTIN'S PREPAR3D FLIGHT SIMULATOR (NODE JS)

2019

- A pilot training system for Lockheed's P3D flight simulator. Utilizing Node.JS technology to connect the trainer's system to the trainee's platform via an IRC protocol remotely. On open beta at the moment. Live tests at (https://www.twitch.tv/addisinyan)

DRIVER TRACKING SYSTEM, RISING LOGISTICS VIRTUAL TRUCKING COMPANY (C#, .NET)

2020

- Development of the desktop application, web service and the web application of a driver (player) progression and telemetry tracking system for Euro Truck Simulator 2 and American Truck Simulator. Active Discord Server https://discord.gg/NhqsTDs (Under the Alias "Addisinyan").
- Current active website which is under construction is https://risingvtc.com which is in beta at the moment.
- You can **watch the live demo** of the application in action on the link down below.
  - https://www.youtube.com/watch?v=utmCWlPFFNs

INTERACTIVE TECHNOLOGIES REALISM MOD - ZEROING WITHOUT HUD (C#)

2022

- A video game mod (modification) add-on that I developed for the virtual hunting simulator *theHunter: Call of the Wild* with more than 250 downloads (https://www.nexusmods.com/thehuntercallofthewild/mods/114)

A CNN BASED CHESS TRAINING PLATFORM (PYTHON – ML/OCR)

2023

- Allows chess students to check for the best next move on any type of chess board that is on their screen.

EDUCATION

MASTERS IN SOFTWARE ENGINEERING (MSSE)

HILCOE SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY

2017 - Present

- Started through bridging courses and went on to MSc in Software Engineering. Finished all course requirements with **3.65** CGPA in the Bridging Program and CGPA of **3.31** in the MSC courses. Currently working on my thesis.

BACHELOR DEGREE (B. PHARM) IN CLINICALY ORIENTED PHARMACY

MEKELLE UNIVERSITY

2008 - 2013

- Have attended numerous professional training related to the above expertise. Some of these include:
  - Certificate in Integrated pharmaceutical logistic system (IPLS), Sponsored by Pharmaceuticals fund and supply agency and USAID, 2013.
  - Certificate in Pre-service ART training, Sponsored by CDC Atlanta, 2013.
  - Certificate on Entrepreneurship Training Workshop /EMPRETEC/ Training of Trainers Course, Sponsored by Needy Development Association, 2011.

LANGUAGE

Amharic

English

REFERENCES

ATO YEABSIRA AGEGNHU

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ATO MUSSE MULUGETA

Diamond Sales and Marketing, General Manager

musemsw@gmail.com

+251-945-438-356

Addis Ababa, Ethiopia

Date: 25/02/2021
Ref: HiL./022/2021

To Whom It May Concern

This is to confirm that **Tinbite Solomon Wole** is a student at the HiLCoE School of Computer Science & Technology in M.*Sc. Degree in Software Engineering programme* since Autumn 2017. He has already completed all of his course works, including that of the bridging program prepared for a non computer science back ground student, successfully and now as a prospective graduate he is doing his Thesis as a partial fulfilment of the requirements of the programme.

We wish him all the best in his future career.

With Best Regards

Mohammed Juhar
Chief Registrar

Grade Report for Bridging Courses

Name of Student: Tinbite Solomon Wole

Academic Program: Bridging program to MSc

Course Code	Course Title	Credit Hour	Grade
CS510	Information Systems	4	A+
CS530	Problem Solving With Programming I	4	A
CS531	Problem Solving With Programming II	4	A
CS532	Object Oriented Programming And Design	4	A
CS551	Data Structures And Algorithm Analysis	4	A
CS552	Database Management Systems	4	A
CS563	Fundamentals Of Operating Systems And Networking	4	C+
CS600	Software Engineering Project	6	B

CGPA: 3.65

Abdella Endris

Abdella Endris

Academic Programme Director

HiLCoE

Tel: (+251-111) 559769, 564900 P.O.Box 2539-/1000
e-mail: info@hilcoe.net

Programme: Master of Science in Software Engineering
Award Date: Incomplete

Full Name: Tinbite Solomon Wale
Gender: Male
Date of Birth: July 09, 1989
Place of Birth: Addis Ababa

Medium of Instruction: English

Admission Date: September 2017

Term: Autumn 2018

Course Code	Course Title	Credit Hour	Grade	Grade Point
SE651	Requirements Engineering	4	B	12.00
SE601	Research Methodology	4	B+	14.00
	Total	8		26.00
	Average	3.25		
	Total Credit Hour	8		
	CGPA	3.25		
	Major CGPA	3.25		

Term: Winter 2019

Course Code	Course Title	Credit Hour	Grade	Grade Point
SE752	Software Project Management	4	B	12.00
CS764	Distributed Computing	4	B	12.00
	Total	8		24.00
	Average	3.00		
	Total Credit Hour	16		
	CGPA	3.13		
	Major CGPA	3.13		

Term: Spring 2019

Course Code	Course Title	Credit Hour	Grade	Grade Point
SE754	Software Architecture & Construction	4	B+	14.00
SE637	Information Systems Security	4	A	16.00
	Total	8		30.00
	Average	3.75		
	Total Credit Hour	24		
	CGPA	3.33		
	Major CGPA	3.33		

Term: Autumn 2019

Course Code	Course Title	Credit Hour	Grade	Grade Point
SE774	Software Testing And Usability	4	C+	10.00
CS789	Business Intelligence And Data Mining	4	A	16.00
	Total	8		26.00
	Average	3.25		
	Total Credit Hour	32		
	CGPA	3.31		
	Major CGPA	3.31		

Mohammed Juhar
Chief Registrar

Mesfin Kifle (PhD)
Academic Vice President

HiLCoE

1 5 MAR 2021

Grading system:- A+ = 4.0, A = 4.0, B+ = 3.5, B = 3.0, C+ = 2.5, C = 2.0, D = 1.0, F = 0.0
* This transcript is valid only if it is signed and sealed.
† 1 credit hour per term at HiLCoE is equivalent to 0.75 credit hour in semester system

Alison

Certificate

This is to certify that

Tinbite Solomon Wole

Successfully obtained a Certificate in

Fundamentals of Network Security

Dr. Eric Corbett

Director of Certification

2nd April 2018

Date of Award

357-3891683