

Frew Legese
Addis Ababa, Ethiopia
frew.legese@outlook.com
+251916780968

Motivation Letter

Date: Nov-1-2025

Hiring Team

GIZ

Addis Ababa, Ethiopia

Subject: Application for the Position of Digital Platform and Communication Expert (ICT Digitalization) – Ref. #139/2025

Dear Hiring Committee,

May I contribute to the WIDU project's mission with all my skill sets I have? I am writing to express my strong interest in the position of Digital Platform and Communication Expert (ICT Digitalization), as advertised. With over eight years of progressive experience in digital systems leadership, platform administration, and cross-sectoral IT integration, I am confident in my ability to contribute meaningfully to the WIDU project's mission of empowering entrepreneurship through digital innovation.

Throughout my career, I have led the design, deployment, and optimization of national and institutional platforms across health, education, and finance sectors. As Website Administrator at the Ethiopian Public Health Institute and Payment System Administrator at Dashen Bank, I have demonstrated a consistent ability to manage complex payment platforms, ensure secure and user-friendly digital environments. My prior role as Content Development Expert and System Analyst at Jimma University further boosted my skills in user-centered design, knowledge management, and digital communication.

I help WIDU projects succeed by advanced proficiency in tools such as Microsoft 365, Moodle, DHIS2, and cloud-based platforms, complemented by certifications in Python, Oracle APEX, AWS, and data visualization.

What excites me most about this opportunity is the chance to contribute to a platform that bridges continents and communities. I am confident that my experience in training, troubleshooting, and stakeholder coordination will enable me to support both entrepreneurs and project teams with agility and empathy.

Please feel free to contact me at a time of your convenience and can call me via phone: +251916780968 or email me at frew.legese@outlook.com.

Thank you for considering my application. See you at the next step of my application.

Sincerely,
Frew Legese



Frew Legese

Passport: EP7341107 | **Work permit:** Ethiopian | **Date of birth:** 29/09/1994 | **Nationality:** Ethiopian |

Gender: Male | **Phone number:** (+251) 916780968 (Mobile) | **Email address:** frew.legese@outlook.com |

LinkedIn: <https://linkedin.com/in/frew-legese> | **Github:** <https://github.com/FrewLg> |

Skype: live:firewlegese12 | **Address:** 1242, Addis Ababa, Ethiopia (Home)

ABOUT ME

Dedicated IT professional and Data Analyst with over 9 years of hands-on experience in web administration, content development, and data analysis. I excel in developing web applications and developing APIs, alongside analyzing health research data to improve user experience and data integration. Proficient in SQL, Excel, and Python, data science and cloud technologies, with a strong command of data visualization tools like Power BI and Tableau. I have a proven track record in identifying trends within large datasets and translating them into actionable insights.

WORK EXPERIENCE

ETHIOPIAN PUBLIC HEALTH INSTITUTE – ADDIS ABABA, ETHIOPIA

Email: frew.legese@ephi.gov.et | **Website:** <https://ephi.gov.et>

WEBSITE ADMINISTRATOR – 07/07/2023 – CURRENT

- Developed APIs and integrations for DHIS2 and HDSS, enhancing data interoperability.
- Administered and developed AI models, tested and deployed using health data.
- Managed and analyzed health research data, producing reports and improved content availability.

DASHEN BANK – ETHIOPIA

Address: Addis Ababa, Ethiopia | **Email:** Frew.LegeseSarmiso@dashenbanksc.com | **Website:** <https://dashenbanksc.com>

PAYMENT CARD SYSTEM ADMINISTRATOR – 15/10/2024

- Monitored international payment transactions for compliance and success rate analysis, conducting fraud and risk assessments to enhance security and reporting.
- Managed payment card systems, ensuring seamless integration and support to optimize transaction efficiency and mitigate risks.

JIMMA UNIVERSITY – ETHIOPIA

Department: ICT Development Office | **Address:** Jimma, 378, Ethiopia | **Email:** frew.legese@ju.edu.et | **Website:** ju.edu.et

CONTENT DEVELOPMENT EXPERT III – 08/07/2019 – 07/07/2023

- Led data management projects at JU and research institute, streamlining data collection and retrieval to enhance data integrity.
- Conducted in-depth data analysis using advanced techniques to provide actionable insights, improving decision-making.
- Developed web applications using web frameworks, integrating dashboard visualization to enhance visual appeal and user engagement.

JIMMA UNIVERSITY – JIMMA, ETHIOPIA

Address: 378, Jimma, Ethiopia | **Email:** frew.legese@ju.edu.et | **Website:** ju.edu.et

JUNIOR SYSTEM ANALYSIS EXPERT II – 30/07/2016 – 07/07/2019

- Conducted system analyses to identify requirements and optimize processes, contributing to improved operational efficiency.
- Collaborated with stakeholders to gather and document system specifications, ensuring alignment with organizational goals.
- Assisted in data management and reporting tasks, utilizing analytical tools to support data-driven decision-making.

EDUCATION AND TRAINING

10/09/2019 – 23/12/2022 Jimma, Ethiopia

MSC IN INFORMATION AND KNOWLEDGE MANAGEMENT Jimma University

Website: <https://ju.edu.et> | **Field of study:** Information and knowledge management

Address 378, Jimma, Ethiopia | **Website** <https://ju.edu.et> | **Field of study** Information Science | **Final grade** 3.35 | **Level in EQF** EQF level 4 |

National classification 4 | **Thesis** Automated Online Examination system

12/08/2025 – 12/09/2025

COLLABORATIVE DATA SCIENCE FOR HEALTHCARE MIT

Website <https://edx.org>

19/10/2025 – 29/10/2025

ORACLE CLOUD INFRASTRUCTURE 2025 CERTIFIED GENERATIVE AI PROFESSIONAL Oracle

Website <https://oracle.com> | **Field of study** Information and Communication Technologies

24/07/2025 – 26/07/2025

DATA VISUALIZATION WITH PYTHON IBM Skills Build

22/07/2025 – 24/07/2025

DATA ANALYSIS USING PYTHON IBM Skills Build

05/07/2025 – 16/07/2025

PYTHON FOR DATA SCIENCE IBM skill build

Website <https://ibm.com>

Link <https://courses.yl-ptech.skillsnetwork.site/certificates/9a617cfac245413cb019e6af435bb211>

21/06/2025 – 28/06/2025

ORACLE DATA PLATFORM 2025 CERTIFIED FOUNDATIONS ASSOCIATE Oracle

Website <https://oracle.com>

03/02/2023 – 20/03/2023

MICROSOFT AZURE FOR DATA ENGINEERING Microsoft with Courseera

Website Microsoft.com

Link <https://coursera.org/verify/2UJ5ZCKU5W7T>

17/07/2025 – 21/07/2025

DATA ENGINEERING ON AWS FOUNDATIONS Amazon Web Services

Website <https://amazon.com>

02/03/2023 – 06/03/2023 Oslo, Norway

DHIS2 | GEN-D001-EN: INTRODUCTION TO DHIS2 DHIS2 Online Academy

Website <https://academy.dhis2.org/certificates/e6226451840448d78351ad13ea89b7ba>

19/06/2025

ORACLE ANALYTICS CLOUD PROFESSIONAL Oracle

04/07/2023 – 07/07/2023 Addis Ababa, Ethiopia

DATA MANAGEMENT AND ANALYSIS USING STATA AND POWER BI Ethiopian Public Health Institute

23/07/2025 – 26/07/2025

DHIS2 - AGGREGATE DATA CAPTURE AND VALIDATION FUNDAMENTALS DHIS2 Online Academy

27/07/2025 – 29/07/2025

DHIS2 - AGGREGATE DATA ANALYSIS FUNDAMENTALS DHIS2 Online Academy

02/06/2025 – 10/06/2025

ORACLE CLOUD INFRASTRUCTURE 2025 CERTIFIED AI FOUNDATIONS ASSOCIATE Oracle

Website <https://oracle.com>

03/01/2023 – 21/03/2023

FOUNDATIONS OF PROJECT MANAGEMENT Google with Courseera

28/04/2025 – 16/05/2025

ORACLE APEX CLOUD DEVELOPER CERTIFIED PROFESSIONAL Oracle

Website <https://oracle.com>

Link <https://catalog-education.oracle.com/ords/certview/sharebadge?id=FC75462BE72BC7E76BA4350AA704FFA68E67830875D2F156F15A1AE2B895C3D2>

16/07/2018 – 20/07/2018 Jimma, Ethiopia

DEVOPS ENGINEERING (CI/CD USING GIT, GITHUB AND VAGRANT) VLIR-OUS

01/05/2017 – 13/05/2017 Jimma, Ethiopia

MOBILE APPLICATION DEVELOPER MASTERY AWARD IBM Skills Academy

Address 378, Jimma, Ethiopia

04/11/2017 – 05/11/2017 Addis Ababa, Ethiopia

MANAGING AND PUBLISHING JOURNALS ONLINE Ethiopian Academy of Science

Website <https://eas-et.org/>

03/12/2016 – 22/12/2016 Jimma, Ethiopia

APPLICATION SECURITY ANALYST MASTERY AWARD IBM Skills Academy

Address 378, Jimma, Ethiopia

13/10/2014 – 13/06/2015 Jimma, Ethiopia

CCNA ROUTING AND SWITCHING Jimma University CISCO Networking Academy

Address 378, Jimma, Ethiopia

20/03/2017 – 08/04/2017 Jimma, Ethiopia

SECURITY INTELLIGENCE ANALYST MASTERY AWARD IBM Skills Academy

Address 378, Jimma, Ethiopia

07/06/2025 – 25/07/2025

ETHICAL HACKER CISCO Networking Academy

01/03/2023 – 12/03/2023

NSE 1 NETWORK SECURITY ASSOCIATE FORTINET

21/10/2025 – CURRENT

ADVANCED LLMS WITH RETRIEVAL AUGMENTED GENERATION (RAG): PRACTICAL PROJECTS FOR AI APPLICATIONS LinkedIn

Website [linkedin.com/learning](https://www.linkedin.com/learning/) | **Field of study** Information and Communication Technologies

22/10/2025 – CURRENT

INTRODUCTION TO AI ORCHESTRATION WITH LANGCHAIN AND LLAMAINDEX LinkedIn

Website [linkedin.com/learning](https://www.linkedin.com/learning/) | **Field of study** Information and Communication Technologies

20/10/2025 – 22/10/2025

BUILDING A PERSONALIZED CHATBOT WITH OPENAI AND LANGCHAIN LinkedIn

Website [linkedin.com/learning](https://www.linkedin.com/learning/) | **Field of study** Information and Communication Technologies

21/10/2025 – 22/10/2025

INTRODUCTION TO LARGE LANGUAGE MODELS LinkedIn

Website [linkedin.com/learning](https://www.linkedin.com/learning/) | **Field of study** Information and Communication Technologies

19/10/2025 – 21/10/2025

DATA ENGINEERING PIPELINE MANAGEMENT WITH APACHE AIRFLOW LinkedIn

Website [linkedin.com/learning](https://www.linkedin.com/learning/) | **Field of study** Information and Communication Technologies

LANGUAGE SKILLS

Mother tongue(s): **AMHARIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C2	B2	C2
AMHARIC LANGUAGE	C2	C2	C2	C2	C2
FRENCH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Oracle Cloud | Data analysis | Data Visualization | AI/ML Engineering | SQL | Python | Tableau | SilverBoot | Microsoft Sharepoint | Data Engineering | Graphics Design | DHIS2 | CMS | PHP | Linux | Shell Scripting | Github

PUBLICATIONS

2024

Leveraging machine learning models for anemia severity detection among pregnant women following ANC: Ethiopian context

Authors: Bekan Kitaw, Chera Asefa, Frew Legese | **Volume, Issue and Pages:** 24:3500 | **Publisher:** BMC Public Health

Link <https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-024-21039-x>

RECOMMENDATIONS

Grum Ketema Director, ICT

Girum was my direct manager while I worked as a System Analyst for the Jimma University ICT Development Office from 2016 to 2019.

Email girumketema@gmail.com | **Phone** (+251) 911725217

Link <https://www.linkedin.com/in/girum-ketema-46539024/>

Kassahun Ebba(PhD) Program Manager -VLIR-OUS

Program Manager in VLIR-OUS Network Ethiopia

Email kasahun.eba@ju.edu.et | **Phone** (+251) 911437465

Basiliyos Tilahun Project Manager, MOE

Basiliyos is my former team Leader of Application Development Team while I worked as a System Analyst in Jimma University Development office from 2018 to 2020.

Email basiliyos.t@gmail.com | **Phone** (+251) 911790912

PROJECTS

19/08/2022 – 17/11/2022

Emergency Digital Information Management System For JU Hospital

- Emergency patient registration and queue management
- Prescription and severity assessment
- Reporting and prediction

11/07/2019 – 08/10/2020

E-Learning system for Jimma University

- Designed, implemented, and integrated an E-Learning system with university core systems and MS AD during COVID-19, ensuring seamless access to learning resources and content management.
- Monitored the Learning and Knowledge Management System (LKMS) to maintain the integrity of learning activities and ensure content availability for users.

09/11/2017 – 04/06/2018

Journal Management System for Jimma University

- Article submission and review management
- Publication and issues management
- Journal volume and indexing management

Link <https://journals.ju.edu.et/>

09/03/2023 – 16/06/2023

Journal Management System for Wallaga University

- Manuscript submission, review and publishing online.
- Digital cataloguing for manuscript and archives.

Link <https://journals.wgu.edu.et/>

06/04/2019 – 11/10/2019

Journal Management System for EPHI

- Article submission and review management
- Publication and issues management
- Journal volume and indexing management

Link <https://ejphn.ephi.gov.et/>

12/11/2020 – 05/05/2023

Research Project and Data Management System for Jimma University

- Institutional Research and grant Management
- Publication and collaborative project management
- Ethical clearance management, Monitoring and Evaluation of research projects

Link <https://research.ju.edu.et>

05/06/2018 – 12/10/2018

Human Resource Management System

- Organization's office and job management
- Employee profile and identity card management
- Employee's and job status report management

11/09/2020 – 14/10/2020

Jimma University Student Portal

- Online registration management
- Application evaluation management
- Online User grade and alumni management

Link <https://portal.ju.edu.et>

21/05/2022 – 10/01/2023

Ethical Clearance and Grants Management for Mizan Tepi University

- Ethical clearance Application review and approval
- Internal and global grants management

07/06/2021 – 09/09/2021

Student Portal for Bule Hora University

- Post-graduate student application, enrollment and registration.
- Student service and registrar automation

Link <https://www.portal.bhu.edu.et/>

COMMUNICATION AND INTERPERSONAL SKILLS

General Communication and interpersonal skills

1. Collaborating and working well together with others.
2. Clear communication skills, conflict management and resolution skills.
3. Verbal and non-verbal communication skills.



JIMMA UNIVERSITY

N₂ 029124

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The Senate of Jimma University by virtue of the powers vested on it by the Council of Ministers Regulation Number 63/1999 here by grants to:

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University President

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University Registrar



JIMMA UNIVERSITY

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No 029125

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The Senate of Jimma University by virtue of the powers vested on it by the Council of Ministers Regulation Number 63/1999 here by grants to:

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FIREW LEGESE SARMISO

MASTERS OF SCIENCE DEGREE in
Information and Knowledge
Management

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University President

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University Registrar



JIMMA UNIVERSITY

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ቍጥር
Ref- JU 190/1487
ቀን
Date- 16 MAR 2023

To Whom It May Concern

This is to certify that Mr. Firew Legese Sarmiso is an employee of Jimma University as of March 07/2023 G.C Based on her request for employment experience Letter from our organization.

So Mr, Firew Legese Sarmiso had been working with us in our organization from July 30/2016 G.C to unit issuance of this Letter. During his stay with us we found her intellectual, hard worker, innovator and keen in his work.

His responsibilities are included:-

- Junior System Analysis Expert III form July 30/2016 G.C to July 07 /2019 G.C on Contract bases and
- Content Development Exper III from July,08 /2019 G.C to till know permanent employee of Jimma university

Mr, Firew Legese Sarmiso has been earing monthly salary of 6,193 (six thousand one hundred ninety three) ETB and subject for income tax as per Ethiopian tax regulations, unit now he is Employee at Jimma University in ICT Development Office.



With Best Regards


Shewaye Chaka Tuffa
Human Resource Administration &
Development Directorate Director



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ቍጥር EPHI 6/13/958
Ref. No

ቍኑ Date T 8 -09- 2024

TO WHOM IT MAY CONCERN

Mr. Firew Legese Sarmiso who is a staff of the Ethiopian Public Health Institute (EPHI) has requested the office to provide a letter mentioned his work experience dated on September 17, 2024

As per his request, the institute hereby certifies that Mr. Firew Legese Sarmiso has been working as a contract employee of EPHI at Scientific and Ethical review office as a Website Administrator from July 8/2023 up to date. His gross salary is Birr 29,998.00(Twenty-Nine thousand Nine hundred ninety-Eight Birr) and paid all the necessary income tax.



With Best regards

Yelfager Teteka
A/Competency & HRM
Executive



A Century of Efforts for Better Public Health !

"A Century of Efforts for Better Public Health"

+251112133499
+251112751522

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www.Ephi.gov.et
EPHIET
EPHITHIORIA

FAX +251112758634
Email:ephi@ephi.gov.et
Addis Ababa, Ethiopia



Oracle Certified Professional

Certificate of Recognition

Frew Sarmsio

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

October 29, 2025

Date

A handwritten signature in black ink that reads "Damien Carey".

Damien Carey
Senior Vice President, Oracle University

This eCertificate is valid until October 29, 2027



323412395OCI25GAIOPC

Verified Certificate



This is to certify that

Frew Legese Sarmiso

successfully completed and received a passing grade in

HST.953x: Collaborative Data Science for Healthcare

a course of study offered by MITx, an online learning initiative of the Massachusetts Institute of Technology.

Leo Anthony Celi

Principal Research Scientist

Massachusetts Institute of Technology

Kenneth Paik

Research Scientist

Massachusetts Institute of Technology

Wesley Yeung

MBBS

National University Hospital, Singapore

Louis Agha-Mir-Salim

MBBS

University of Southampton

Dimitris Bertsimas

Vice Provost for Open Learning

Massachusetts Institute of Technology

Chris Capozzola

Senior Associate Dean for Open Learning; Professor of History

Massachusetts Institute of Technology



Verified Certificate
Issued September 12, 2025

Valid Certificate ID
[f8c5853bf3f74e48ae196a0ec0224c55](#)

AWS Training & Certification
Completion Certificate

Data Engineering on AWS - Foundations

Completed: July 21, 2025

Awarded to
Frew Legese

Michelle Vaz

Michelle Vaz

Director, AWS Training & Certification

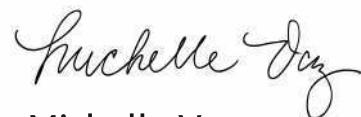


AWS Training & Certification
Completion Certificate

Fundamentals of Machine Learning and Artificial Intelligence

Completed: August 31, 2025

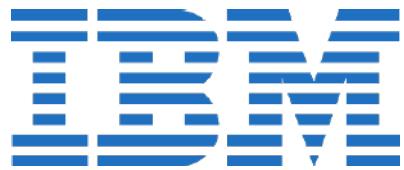
Awarded to
Frew Legese



Michelle Vaz

Director, AWS Training & Certification





This is to certify that

Frew Legese

successfully completed and received a passing grade in

Data Visualization with Python

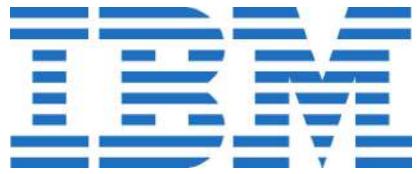
(DV0101EN, provided by IBM)

A course on [yl-ptech.skillsnetwork.site](https://courses.yl-ptech.skillsnetwork.site)
Powered by IBM Developer Skills Network.

Issued by
IBM SkillsBuild

July 26, 2025

Authenticity of this certificate can be validated by going to:
<https://courses.yl-ptech.skillsnetwork.site/certificates/bc9abd3fe167401985ec1b78c05505f1>



This is to certify that

Frew Legese

successfully completed and received a passing grade in

Data Analysis with Python

(DAO101EN, provided by IBM)

A course on [yl-ptech.skillsnetwork.site](https://courses.yl-ptech.skillsnetwork.site)
Powered by IBM Developer Skills Network.

Issued by
IBM SkillsBuild

July 24, 2025

Authenticity of this certificate can be validated by going to:

<https://courses.yl-ptech.skillsnetwork.site/certificates/09c0e88cd63f4298bffd8ad05fb9e26f>



This is to certify that

Frew Legese

successfully completed and received a passing grade in

Python 101 for Data Science

(PY0101EN, provided by IBM)

A course on [yl-ptech.skillsnetwork.site](https://courses.yl-ptech.skillsnetwork.site)
Powered by IBM Developer Skills Network.

Issued by
IBM SkillsBuild

Cognitive Class

July 15, 2025

Authenticity of this certificate can be validated by going to:

<https://courses.yl-ptech.skillsnetwork.site/certificates/9a617cfac245413cb019e6af435bb211>



Oracle Certified Foundations Associate

Certificate of Recognition

Frew Sarmiso

Oracle Data Platform 2025 Certified Foundations Associate

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

June 28, 2025

Date

A handwritten signature in black ink that reads "Damien Carey".

Damien Carey
Senior Vice President, Oracle University



319670934OCI25DCFA



Oracle Certified Foundations Associate

Certificate of Recognition

Frew Sarmiso

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

June 10, 2025

Date

A handwritten signature in black ink that reads "Damien Carey".

Damien Carey
Senior Vice President, Oracle University

This eCertificate is valid until June 10, 2027



319670934OCI25AICFA



Oracle Certified Professional

Certificate of Recognition

Frew Sarmiso

Oracle APEX Cloud Developer Certified Professional

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

May 16, 2025

Date

A handwritten signature in black ink that reads "Damien Carey".

Damien Carey
Senior Vice President, Oracle University



319670934APEX24CDOCP

AWS Training & Certification
Completion Certificate

Financial Services Learning Plan: Data Analytics

Completed: July 31, 2025

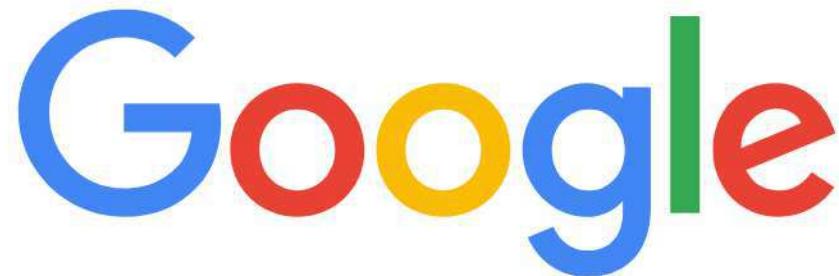
Awarded to
Frew Legese



Michelle Vaz

Director, AWS Training & Certification





Mar 21, 2023

Frew Legese

has successfully completed

Foundations of Project Management

an online non-credit course authorized by Google and offered through Coursera

A handwritten signature in black ink that reads "Amanda Brophy".

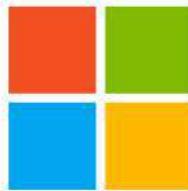
Amanda Brophy
Global Director of Google Career Certificates

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/7ANKFSETJ6JU>

Coursera has confirmed the identity of this individual and
their participation in the course.



Microsoft

Mar 22, 2023

Frew Legese

has successfully completed

Microsoft Azure for Data Engineering

an online non-credit course authorized by Microsoft and offered through Coursera

Marni Baker-Stein

Marni Baker-Stein,
Chief Content Officer

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/2UJ5ZCKU5W7T>

Coursera has confirmed the identity of this individual and
their participation in the course.

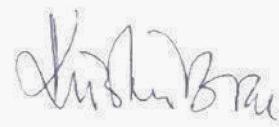


We hereby certify that:

Frew Legese

successfully completed, received a passing grade, and was awarded this platform's Honor Code Certificate of Completion in:

HISP | GEN-D001-en: Introduction to DHIS2



Kristin Braa

DIRECTOR OF THE HISP CENTRE
HISP Centre



DHIS2 Online Academy | GEN-D002-en Certificate | DHIS2
Online Academy

We hereby certify that:

Frew Legese

successfully completed, received a passing grade, and was awarded this
platform's Honor Code Certificate of Completion in:

**DHIS2 Online Academy | GEN-D002-en: Aggregate Data
Capture and Validation Fundamentals**



Kristin Braa
DIRECTOR OF THE HISP CENTRE
HISP Centre



Jun 13, 2025

Frew Legese

has successfully completed

Business Analysis & Process Management

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Mahi Ismail
Researcher & Assistant Lecturer

PROJECT CERTIFICATE



Verify at:
<https://coursera.org/verify/NAPBINK3M4PM>

Coursera has confirmed the identity of this individual and
their participation in the project.

Certificate of Course Completion

Frew Legese

has successfully achieved student level credential for completing the *Ethical Hacker* course.

The student was able to proficiently:

- Explain the importance of methodological ethical hacking and penetration testing.
- Create penetration testing preliminary documents.
- Perform information gathering and vulnerability scanning activities.
- Explain how social engineering attacks succeed.
- Explain how to exploit wired and wireless network vulnerabilities.
- Explain how to exploit application-based vulnerabilities.
- Explain how to exploit cloud, mobile, and IoT security vulnerabilities.
- Explain how to perform post-exploitation activities.
- Create a penetration testing report.
- Classify pentesting tools by use case.



Scan to Verify

Issued on: Jul 25, 2025

Lynn Bloomer

Lynn Bloomer
Director, Cisco Networking Academy



Certificate of Participation



This is to certify that Firew Legesse participated in the Training Workshop on **Managing and Publishing Journals Online** organized jointly by the Ethiopian Academy of Sciences and the Academy of Science of South Africa from 04 - 05 November 2017 at Addis Ababa.

Ethiopian Academy of Sciences

Masresha Fetene (Prof.)

Executive Director



Academy of Science of South Africa

Susan Veldsman

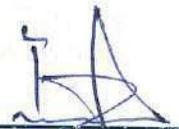
Director: Scholarly Publishing Unit

05 November 2017



Ethiopian Public Health Institute
Certificate of Recognition
This certificate is awarded to
FREW LEGESE

**in recognition of providing Training on Basic Research Ethics for
EPHI Researchers, organized by Ethiopian Public Health Institute
at Adama from June 24 - 26, 2021.**



Ibrahim Kedir
Scientific and Ethical Review Office A/Head



Tsigereda Kifle (MD, MPH)
Director General



NSE Certification Program



**This certifies that
Frew Legese
has achieved
NSE 1 Network Security Associate**

Date of achievement: March 12, 2023

Valid until: March 12, 2025

Certification Validation number: ezmrviRFAG

Ken Xie
CEO of Fortinet



Verify this certification's authenticity at:
https://training.fortinet.com/mod/customcert/verify_certificate.php

Michael Xie
President and Chief Technology
Officer (CTO), Fortinet



This

Certificate of Completion

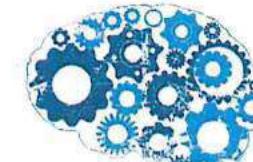
is awarded to

Frew Legese Sarmiso

for successfully completing the DevOps training on Continuous Integration and Delivery using Vagrant, GIT and Gitlab given at Jimma University from July 16 - 20, 2018 in the framework of VLIR-UOS Network-Ethiopia program.

R. Genew
Trainer

P. Wier
Local Program Coordinator



Kora Tushune
V/President for Business
and Development

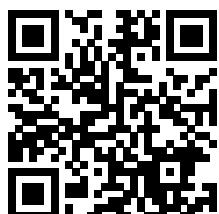
In recognition of the commitment to achieve
professional excellence



Frew Legese

Has successfully satisfied the requirements for:

Enterprise Design Thinking Practitioner



Issued on: 02 FEB 2023

Issued by IBM

Verify: <https://www.credly.com/go/5aXvUmW2>



AWS Training & Certification
Completion Certificate

Introduction to Amazon EC2

Completed: August 19, 2025

Awarded to
Frew Legese

Michelle Vaz

Michelle Vaz

Director, AWS Training & Certification



AWS Training & Certification
Completion Certificate

Introduction to Amazon Virtual Private Cloud (VPC)

Completed: August 18, 2025

Awarded to
Frew Legese



Michelle Vaz

Director, AWS Training & Certification



AWS Training & Certification
Completion Certificate

Introduction to Amazon Athena

Completed: July 20, 2025

Awarded to
Frew Legese



Michelle Vaz

Director, AWS Training & Certification



AWS Training & Certification
Completion Certificate

Amazon ElastiCache Getting Started

Completed: July 31, 2025

Awarded to
Frew Legese

Michelle Vaz

Michelle Vaz

Director, AWS Training & Certification



AWS Training & Certification
Completion Certificate

Sustainability Strategies with Generative AI

Completed: July 30, 2025

Awarded to
Frew Legese



Michelle Vaz

Director, AWS Training & Certification





Building a Personalized Chatbot with OpenAI and LangChain

Course completed by Frew Legese

Oct 22, 2025 at 10:02PM UTC • 22 minutes

Top skills covered

OpenAI Products

LangChain

Chatbot Development

A handwritten signature in black ink that reads "Shea Hanson".

Shea Hanson, Head of Learning Content Strategy

Certificate ID: 427e50704087caaa2c7344e661eb7dc84f36f6a87cbece698b605fb98ab6d5d3





Data Engineering Pipeline Management with Apache Airflow

Course completed by Frew Legese

Oct 21, 2025 at 04:58PM UTC • 2 hours 8 minutes

Top skills covered

Apache Airflow

Workflow Management

A handwritten signature in black ink that reads "Shea Hanson".

Shea Hanson, Head of Learning Content Strategy

Certificate ID: d7fbae24d812399a4a4e3efec54c325d503c18189cab1f69147afbcacf531da





Introduction to Large Language Models

Course completed by Frew Legese
Oct 22, 2025 at 02:47PM UTC

Top skills covered

Large Language Models (LLM)

Artificial Intelligence (AI)

Shea Hanson, Head of Learning Content Strategy



The PMI Registered Education Provider logo is a registered mark of the Project Management Institute, Inc.

Program: PMI® Registered Education Provider
Provider ID: #4101
Activity #: 4101JZMCQQ
PDUs/ContactHours: 1.25
Certificate ID:
429c926b64dc3ae6ce104dd70347cecade4b06ff2a4ab449db17e7af1d6bbccdd

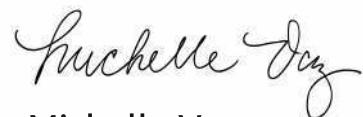


AWS Training & Certification
Completion Certificate

Amazon Redshift Service Primer

Completed: July 31, 2025

Awarded to
Frew Legese



Michelle Vaz

Director, AWS Training & Certification





Introduction to Large Language Models

Course completed by Frew Legese
Oct 22, 2025 at 02:47PM UTC • 1 hour 17 minutes

Top skills covered

Large Language Models (LLM)

Artificial Intelligence (AI)

A handwritten signature in black ink that reads "Shea Hanson".

Shea Hanson, Head of Learning Content Strategy

Certificate ID: 628b60f6c06d00c0d21048b332b37904e6b2f7bae01aa2dabe06a5f08b899517



This document certifies that

Firew Legese

Successfully passed the IBM Academic Certificate exam for

Application Security Analyst Mastery Award

This achievement also earns you a Mastery Award Badge which you can accept from Acclaim

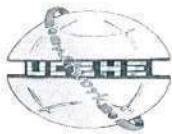


22 December 2016

UNIQUE ID: 1970-1482-4049-2227


Takreem El-Tohamy
General Manager
IBM Middle East and Africa


Dr. Naguib Attia
Vice President
Global University Programs
IBM USA



Ref. No. NW/177/2022

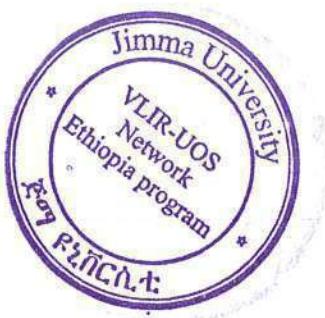
Date: 08/08/2022

To Whom It May Concern

The VLIR_UOS Network Ethiopia is a partnership program between Belgian Universities and Universities in Ethiopia (Jimma University, Ambo University, Hawasa University and Addis Abeba University College of Veterinary Medicine). The program is on its second phase and needs new Logo. The new project is Interuniversity Collaboration for Quality Graduate Education and Research in Ethiopia (IQ-GEAR). For this project, Mr. Frew Legesse has designed the logo of the project and delivered with good quality in time as per the agreement. He was paid a gross of birr 61,000.00 (Sixty one thousand birr only) for the activity he served. We attest that he is hard worker and a committed person to accomplished activities in time. We wish him good luck in his future endeavor.

Kind regards,

Kassahun Ebba (PhD)
Project Manager
VLIR_UOS IQ-GEAR
Project



This document certifies that

Firew Legese

Successfully passed the IBM Academic Certificate exam for

Security Intelligence Analyst Mastery Award

This achievement also earns you a Mastery Award Badge which you can accept from Acclaim



8 April 2017

UNIQUE ID: 5540-1491-6379-9388


Takreem El-Tohamy
General Manager
IBM Middle East and Africa


Dr. Naguib Attia
Vice President
Global University Programs
IBM USA

This document certifies that

Firew Legese

Successfully passed the IBM Academic Certificate exam for

Mobile Application Developer Mastery Award

This achievement also earns you a Mastery Award Badge which you can accept from Acclaim



13 May 2017

UNIQUE ID: 0972-1494-6564-5022


Takreem El-Tohamy
General Manager
IBM Middle East and Africa


Dr. Naguib Attia
Vice President
Global University Programs
IBM USA



Federal Democratic Republic of Ethiopia
Ministry of Education
JIMMA UNIVERSITY

..|..|..|..
CISCO

CERTIFICATE OF COMPLETION

This is to certify that

Firew Legese

Has successfully completed the following courses of Cisco Certified Network Associate (CCNA) Routing and Switching Training Program given at Jimma University Cisco Networking Academy:

<i>CCNA Routing and Switching 1: Introduction to Networks</i>	<i>70Hrs</i>
<i>CCNA Routing and Switching 2: Routing And Switching Essentials</i>	<i>70Hrs</i>
<i>CCNA Routing and Switching 3: Scaling Networks</i>	<i>70Hrs</i>
<i>CCNA Routing and Switching 4: Connecting Networks</i>	<i>70Hrs</i>

Given on June 28, 2015

Tirun Kelema
Manager
ICT Development Director
Cisco Networking Academy



Taye Tolemariam (PhD)
Vice President, Academics
President for Academic Affairs

NASCERE



Ref.NW/363/21
29/07/2022

To Whom It May Concern

Mr. Frew Legesse has designed the logo of the Network for Advancement of Sustainable Capacity Building in Education and Research in Ethiopia (NASCERE) program. He delivered good quality logo in time as per the agreement. He was paid a gross of birr 61,000.00 (Sixty one thousand birr only) for the activity he served. We attest that he is hard worker and a committed person to accomplished activities in time. We wish him good luck in his future endeavor.

Kind regards,

Kassahun Ebba (PhD)
Program Manager
NASCERE Program

