


ABIYU AMBAYE AYALEW – CV


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PROFESSIONAL SUMMARY

Results-driven IT professional with 4 years of experience in the banking industry, specializing in system administration, application development, third-party integrations, API development, , database management and solution architect and quality assurance. Skilled in troubleshooting, managing alternate channel platforms (such as POS, E-POS, ATM, mobile banking, and internet banking services), and enhancing system efficiency. Adept at managing and optimizing channel services to ensure seamless customer experiences and operational excellence. Experienced in collaborating with cross-functional teams to develop, deploy, and maintain robust software solutions while ensuring system security and optimal performance. Passionate about technology, innovation, and cybersecurity, with a strong commitment to delivering high-quality, reliable services.

EDUCATION

 **Aksum University**

 *Bachelor of Science in Information Technology*

 2016/17 – 2020/21 | **CGPA: 3.65**

TECHNICAL SKILLS

- **Programming languages:** PHP, ASP.NET (C#, MVC), Java (Android), JavaScript, HTML, XML
- **API Integrations (REST, SOAP)**
- **Third party integrations**
- **Database Management:** SQL Server (2004–2024), MySQL
- **System Administration:** Server & Network Maintenance, Application Development, Technical Support
- **Software development & Maintenance:** System, Application & Hardware Configuration
- **Business & Requirement Analysis:** Gathering and analyzing requirements to align software with business needs
- **Troubleshooting technical issues** and identify the cause and provide solutions
- **Well skilled in automated testing tools** like selenium, Appium, SOAP UI, Postman, Testlink, OWASP ZAP...

PROFESSIONAL EXPERIENCE

Bunna Bank

Solution architect and quality Assurance officer (9 May 2025-Present)

Key responsibilities and related tasks:

- System maintenance (debugging, identify cause) and customization.
- Working in enterprise architecture design with TOGAF standards
- Software implementation and maintenance
- Solution design and test strategy development
- Risk identification and mitigation
- Collaboration and communication

- Implementation support and quality assurance
- Standards and compliance assurance
- Defect management and continuous improvement
- Engage in software development in Devops environment
- Working in fast paced and agile environment
- Requirement analysis and SRS Development
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Tsedey Bank

Application Development Officer I (*July 2024 – 9 April 2025*)

Key responsibilities and related tasks:

- Designed and developed new banking applications to enhance operational efficiency.
- Worked with APIs for seamless third-party integrations.
- Conducted requirement gathering sessions to align software solutions with business objectives.
- Provided technical support and participated in system updates and optimizations.
- Managed channel services across various platforms.
- Handled software maintenance and updates to ensure smooth and efficient business operations.
- Conducted application testing to verify compliance with business requirements and standards.
- Collaborated with stakeholders (vendors, business teams, network teams, security teams, and end-users) to deliver better and higher-quality service outcomes.

Junior System Administrator (*July 2022 – June 2023*)

Key responsibilities and related tasks:

- Managed and maintained banking systems, ensuring seamless transaction processing.
- Installed and configured system software and hardware to optimize performance.

- Worked closely with IT security teams to implement cybersecurity measures.
- Contributed to core banking system customization and participated in various system enhancement projects.
- Handled database management and generated Crystal Reports.

Junior Information System Officer (*July 2021 – June 2022*)

Key responsibilities and related tasks:

- Provided support for core banking applications and performed routine system maintenance.
- Managed database operations, including backups, restoration, and maintenance.
- Oversaw COB (Close of Business) tasks and system administration duties.
- Ensured the smooth operation of banking applications and executed End-of-Day (EOD) processes.

PROJECTS & RESEARCH

Banking & Financial Projects

- **Online Learning System** – Developed using PHP & MySQL to improve digital learning services.
- **Third-Party API Integration** – Designed and deployed REST/SOAP APIs for seamless external service integration.
- **Developed and customize monitoring tool(Grafana) for the bank:** which helps to monitor transactions, server resources and other






Web Development Projects

- **Web-Based House Rental System** – Developed with PHP & MySQL, streamlining tenant-landlord interactions.
- **Online Library System** – Built using C# & SQL Server 2012 to facilitate automated reading system.

Research

- *Impact of Technology on Selected Students of Aksum University* – A study on the influence of digital tools on student performance.

CERTIFICATIONS & AWARDS

-  IT Support Service Levels 1 & 2
-  Fundamentals of Digital Marketing – Google Digital Garage
-  Data Analysis Fundamentals
-  Artificial Intelligence Fundamentals
-  Database security for cyber professionals

LANGUAGES

- **English:** Fluent
- **Amharic:** Native

PERSONAL ATTRIBUTES

- Strong analytical and problem-solving abilities.
- Adaptable, hardworking, and eager to learn new technologies.
- Effective team player with strong collaboration and communication skills.
- Ability to translate business requirements into technical solutions.

HOBBIES & INTERESTS

- Volunteering and community service.
- Reading about technology, psychology, and philosophy.
- Exploring emerging technological advancements.



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AKSUM UNIVERSITY
ሬጀስትራር ጽ/ቤት
Office of the Registrar



To Whom It May Concern

አብይ አምባየ አያሌው በመደበኛው መርሃግብር በየሳይንስ ባችለር ድግሪ በኢንፎርሜሽን ቴክኖሎጂ የትምህርት መስክ በ 2013-6-16 ዓ.ም. በመመረቁ ይህ የምስክር ወረቀት ተሰጥቶታል።

ውጤቱም በአጠቃላይ 3.65 መሆኑን እየገለጽን ዋናው ዲግሪና ትራንስክሪፕት በወጭ መጋራት ውል መሰረት ግዴታውን ሲወጣ የሚሰጥ ይሆናል።

This Certificate is issued to ABIYU AMBAYE AYALEW upon his graduation in the regular program with *The Degree of Bachelor of Science in Information Technology on February 23, 2021* with CGPA of 3.65.

The Original Diploma and Transcript will be issued upon the discharge of cost sharing duty.

Abraham Hailu (Ph.D.)
University Registrar
ሬጀስትራር/Registrar



T. Gebreyesus Brhane (Ph.D.)
President



ፀደይ ባንክ /ኢ.ማ/ Tsedey Bank S/C

የሁሉም ባንክ !
Bank for all !

ቁጥር/Ref.No TSB/CHC/0817/24

ቀን/Date 11 - 11 - 2024

TO WHOM IT MAY CONCERN

This is to certify that **Mr Abiyu Ambaye Ayalew** has been working for Tsedey Bank S.C in the IT Infrastructure Management Department for the periods specified here under.

- From July 01, 2023 G.C to date as Junior Application officer.
- From July 01, 2022 to June 30, 2023 a Junior System Administrator Officer.
- From July 01, 2021 to June 30, 2022 G.C as a Junior Information System Officer.

He is currently earning a monthly gross salary of Birr **17,211.00** (Seventeen thousand two hundred eleven birr). All legal taxes have been deducted from salary and forwarded to the federal Inland Revenue and customs Authority.

This certificate is issued up on his own request and should not be considered as a letter of release.

With Regards,

Bahiru Wondmneh Gesese
Director - Human Capital Operation



Cc

- To human Capital operation Department
Tsedey Bank

freeCodeCamp (🔥)

This certifies that

Abiyu

successfully completed the

Responsive Web Design



Developer Certification

representing

Quincy Larson

Executive Director, freeCodeCamp.org

A handwritten signature in black ink, appearing to read 'Quincy Larson', written over a thin horizontal line.

on March 3, 2025

approximately 300 hours of



work

Verify this certification at:

<https://freecodecamp.org/certification/fcca3778726-be49-4068-95bb-adaca918c10f/responsive-web-design>



مكتب التبادل الحكومي
GOVERNMENT EXPERIENCE EXCHANGE OFFICE



وزارة العمل
Ministry of Labor and Skills



Verified Certificate Of Nanodegree Program Completion

Artificial Intelligence Fundamentals

Awarded to

Abiyu Ambaye

February 13, 2025



Udacity has confirmed participation of this individual in this program. Confirmation at www.udacity.com/certificate/e/5b9fa8e-e870-11ef-bb37-b7c66ab7b980.

Sebastian Thrun
Founder, Udacity



مكتب التبادل الحكومي
GOVERNMENT EXPERIENCE EXCHANGE OFFICE



Verified Certificate Of Nanodegree Program Completion

Data Analysis Fundamentals

Awarded to

Abiyu Ambaye

November 22, 2024



Udacity has confirmed participation of this individual in this program. Confirmation at www.udacity.com/certificate/e/8a865ae-a8c0-11ef-8e6b-0f89ea7cb455.

Sebastian Thrun
Founder, Udacity



 **Alison**
EMPOWER YOURSELF

CERTIFICATE

Abiyu Ambaye

has received this award for successfully
completing the course:

Database Security for Cyber Professionals

CPD
CERTIFIED
The CPD Certification
Service

To verify:
0544 47133681

Date of Award

Maewie Richardson

Director of Certification

CERTIFICATE OF COMPLETION

Abiyu Ambaye

has successfully completed the online course:

Project Management 101: PMP certification training

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12th March 2025

Certificate code :8032797



Krishna Kumar
CEO, Simplilearn

