

Melkam Haile

Certified Solutions Architect, MBA

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Summary

A highly motivated, detail-oriented, Certified AWS Associate Solutions Architect with a background in computer science, six years of experience in consulting & accounting, and hands-on experience designing and implementing cloud-based solutions on AWS. Enthusiastic about staying up to date with the latest technologies and best practices to drive innovation-led improvements and problem-solving.

Core Competencies

Project management, Data Analytics, AWS services selection, CloudFormation, CloudFront, CloudWatch, CloudTrail, EC2, RDS, Lambda, Route 53, S3, Internet Gateway, Amazon SNS, Amazon SQS, VPC, DynamoDB, Data and cloud security, IAM and KMS, Design preparation and presentation, Cloud Architecture, Requirement analysis, Databases and storage fundamentals, API, SSH, Web services with Python, Requirements gathering and documentation, Business, Architecture, Financial Audit and Reporting, Excel/Tableau/Jira/Alteryx

Projects

Built an Event-driven architecture on AWS with different services. (AWS Workshop Studio) - A sample web-based tool for sending events to Amazon Event-Bridge and Amazon SNS.

- Configured event generator using stacks formed on CloudFormation service.
- Configured Amazon Cognito to send events to other services.
- Set up Amazon CloudWatch as a target to test the rules created in the event bus.
- Configured event-driven with Lambda inventory function as a destination involving different conditions.
- Also configured failure destination to SQS queue for error handling

Serverless hosting of a Web application on AWS. (My website with few pages of personal and professional information: Built with Python)

- Created a repository using AWS code commit and populated a Git repository for the website's static files.
- Deployed a new application on AWS Amplify to enable web hosting.
- Set up Amazon Cognito to manage user accounts.
- Created an IAM role to grant access to the lambda function that handles requests.
- Created an API as a restful API on API-Gateway to call the lambda function.

Professional Experience

BDO USA, LLP, McLean, VA

October 21 to February 22, Interim (through R. Joseph Group)

February 22 to September 22, fulltime

BSO - Senior Associate Consultant

- Designed and implemented a system to securely communicate with our clients using the cloud on the BDO platform, with no extra charge to the clients.
- Prepared demos and presentation files for new systems and discussed implementation with clients to assist with various business processes.
- Assisted clients in fixing system access and usage issues.
- Worked as a liaison for clients, organized and led projects and meetings with donors.
- Utilized a practice management system (ECW) to support billing activities and prepare monthly analysis files and Journal Entries.

- Monitored the discounted fee approval process as a liaison for a client.
- Applied BDO processes, technology, and resources through BSO to assist workflow and ensure proper documentation of SOPs and work papers.

Federal National Mortgage Association (Fannie Mae), Washington DC

January 2020 to February 2021

Finance Accounting Associate

Notable Achievement:

- Improved system entries posting process by creating a more efficient analytics file and preparing related SOP.
- Organized and led a project to improve the JE process for capitalizing certain repair costs on REO properties.

Responsibilities:

- Presented the monthly REO and non-REO inventory analysis to stakeholders and the department VP/officer of the team.
- Performed deep analytics and reporting on business and financial information to provide insights to stakeholders, make projections of prospective financial performance and determine the appropriate treatment.
- Owned portions of the monthly financial close process, such as ensuring sub-ledger systems appropriately recorded transactions into the general ledger and prepared month-end ledger detail reports.
- Interacted, collaborated, and worked on problem-solving directly with finance and critical business partners, including legal and operations teams and external auditors.

Insperty (Client - Department of Labor), Washington DC

April 2018 to July 2019

Staff Accountant/Consultant

Notable Achievements:

- Provided technical support for teammates and other stakeholders to adapt to changes in functionality and GUI of the financial tool from software improvements.
- Successfully handled higher-level assignments due to the resignation of senior personnel.

Responsibilities:

- Worked as a liaison between software developers and business users by developing manual and automated test cases and performing various types of testing: functional, regression, and User acceptance testing (UAT)
- Completed monthly Trial Balance Mapping Update using Verdi Financial Statement Tool and NCFMS Trial Balance
- Updated Tie Point Process to streamline and increase efficiency.
- Researched and resolved unreconciled financial data,
- Created Microsoft Excel templates to help streamline data input for the team.
- Completed monthly Tie Point variance and abnormal variance research for multiple agencies.
- Researched, reconciled, and documented processes to resolve abnormal balances in the general ledger.

Deloitte Touché Tohmatsu Limited (DTTL), Addis Ababa, Ethiopia

Aug 2014 to July 2016

Audit Associate I

Notable Achievements:

- Appointed by the firm's audit managers to the "Rising Star" list.

Responsibilities:

- Evaluated accounting statements of client companies.
- Evaluated the design and tested the effectiveness of internal controls.

- Conducted interviews, reviewed documents, and prepared audit working papers.
- Generated management reports as demanded by the audit manager.
- Prepare timely and accurate financial reports for month-end, quarter-end, and year-end closing.
- Audited manufacturing, not-for-profit, merchandising, and service providers, with annual revenues ranging from \$700,000 to \$89,000,000.
- Finalized financial statement figures, evaluated account reconciliations, prepared corporate income tax returns, formulated relevant disclosures, and presented management letters.

Oxford computer technology institute, Addis Ababa, Ethiopia

August 2010 to February 2011

Computer Instructor

Notable Achievements:

- Received a traditional ceremonial coat as a gift from a graduating class, expressing appreciation for my teaching.
- Improved curriculum and course materials to enhance the learning experience for students.

Responsibilities:

- Conducted classes and trained students on basic computer skills for business, Microsoft Office, computer networking basics, and windows security.
- Provided one-on-one lab sessions for students to help them better understand the topics covered in class.
- Assessed student progress and provided feedback on their performance.
- Maintained a positive and engaging learning environment to ensure student success.
- Demonstrated strong communication and interpersonal skills to interact with students of diverse backgrounds.

Education

Bachelors. Computer Science

Adama Science and Technology University, Adama, Ethiopia 2010

Bachelors. Accounting

St. Mary's University, Addis Ababa, Ethiopia, 2014

M.B.A. Accounting

Maharishi University of Management, Fairfield, Iowa, 2019

Certifications

AWS Certified Solutions Architect – Associate

Amazon Web Services, January 2023

CISCO - CCNA Discovery: Networking for home and small businesses

Cisco Networking Academy, Adama Science and Technology University 2009

eXtensible Business Reporting Language (XBRL) foundation

ITpreneurs, March 2017

Languages

Amharic – Native/Bilingual

References:

Available upon request.