

Molla Negash
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<https://github.com/mollanegash>

SOFTWARE DEVELOPER

EXPERIENCE

Sr. Specialist: Software Engineering, LTIMindtree: Austin, TX

Jan 2023 - Current

- implemented cloud service for intelligence, Payment System and mortgage product deployment: AWS (Cloudwatch, lambda:email handling, S3:APIs, EC2, SNS:messaging/alarms) and GCP;
- configured and migrated requirements to jira/confluence; implemented project development and management tools: maven, and jira supports agile methodology: kanban,scrum and backlog;
- used IDE, languages, frameworks, development tools (CI/CD) and database for feature enhancement: intellij, eclipse, pycharm,VSCode, java/spring boot, python/django, javaScript/expressJS, typescript, php/laravel, kafka, redis and aws cli, aws k8s, docker, git, github actions and mysql, postgresql, MongoDB and aurora;
- monitored synaptec daily search reports: hit/clear, data only and SQA searches on digital delve server;
- updated, developed and deployed order search urls, AI/ML apis, Payment System, Mortgage Account, case level data web scraping applications and features (courtsmart improvement and data mapping) to S3 bucket;
- identified logs and troubleshooted pending client orders using java, javascript, NodeJs, thymeleaf/angularJs/reactjs, cloudwatch, intellij IDE, redis cache, selenium and playwright, regression/mockito test;

Java Developer, Tata Consultancy Service: Boston, MA

Nov 2021 - Dec 2022

- migrated monolithic API elements to modern container-based microservice architecture written in java, spring boot with kafka and reactJs;
- built cloud native applications using google cloud and tools that leverage fully managed services;
- developed and deployed backend insurance document management APIs;
- troubleshooted, debugged and upgraded insurance software application;
- monitored documentation processes and adhere to the coding standards as provided by TCS standards or as provided by the client;
- Analyzed insurance data on spark AI/ML APSs (python, SQL): statistical and inferential analysis on databricks platform;
- performed unit tests as per the test plans and test cases to enhance code quality;

Java Developer, Public Health Institute: Ethiopia

Aug 2013 – July 2016

- developed public health research applications using Spring MVC framework, JSP, html, CSS, and JavaScript;
- developed REST based Microservices with Rest template/Web Client on RESTful APIs;

- developed complex SQL statements and stored procedures with Oracle;
- Analyzed public health data using statistical and inferential analysis:R/python;
- configured and managed RDBMs like Microsoft SQL Server, Oracle Database, MySQL;
- developed applications in AWS – migrate applications to cloud;

Java Developer, Ministry of Science and Technology: Ethiopia

Nov 2011 – Aug 2013

- designed professional UI web applications using front-end technologies: HTML/HTML5, CSS/CSS3, JavaScript, XML, jQuery, AJAX, JSON, AXIOS;
- developed Java API to interact with the Amazon SQS used in sending bulk emails;
- developed presentation layer using JSP, HTML, CSS, AJAX, JavaScript;
- developed additional UI Components using JSF and implemented an asynchronous, AJAX (jQuery) based rich client to improve customer experience;
- designed database, data modeling and performance tuning and stored procedures, functions and triggers and applied CRUD using oracle and SQL Server;

Java Developer, City Government of Addis Ababa:Ethiopia

Mar 2010 – Nov 2011

- implemented JSF framework in the application which is based on MVC design architecture on fleet management system;
- developed Enterprise JavaBeans (EJB), MVC, JDBC, Spring with Hibernate, AJAX for search panel, Java Swing & AWT for desktop app;
- designed and implemented user interface using JSP, Servlets, JavaScript, HTML, CSS, and AJAX on real time tracking system for waste collecting vehicles;
- developed use case diagrams, class diagrams, database tables, and provided mapping between relational database tables and object-oriented java objects using Hibernate;
- developed user interface using JSP, HTML, CSS, and JavaScript to simplify the complexities of applications;
- developed fleet management system software to support a large-scale IT system with Linux- based servers, Amazon Web Services (AWS) cloud instances, and Oracle and/or Postgres databases;

EDUCATION

Boston University | Boston, MA, US | May 2021 | MS in Computer Science

Mekelle University | Mekelle, Ethiopia | July 2009 | BSc in Economics