Abdi Asres

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# FULLSTACK DEVELOPER

Extensive knowledge in software system design, setup, testing, and maintenance with over five years of experience. Working across several platforms, languages, and cutting-edge technologies.Participated in the collection and analysis of requirements for system design, implementation, development, and testing using Java,.Net, JavaScript, TypeScript, JSON, and SQL. I have extensive experience with a wide range of frameworks and IDEs (Angular+2, React, ASP.NET Core, Spring Boot, VSCode, and Eclipse Android Studio), as well as knowledge of software application development, particular ERP solutions and implementation, using GitHub, Git Action CI/CD (Continuous Integration and Continuous Deployment), and AWS cloud services (EC2, S3, CloudFront, RDS, EKS, AWS Lambda, VPC). Furthermore, my work experience has improved my analytical thinking and communication skills, allowing me to manage autonomous duties while still cooperating as a productive team member.

# KEY TECHNICAL SKILLS

Backend

Asp .netCore - 2 years SQL - 5 years

MySQL - 5+ years Spring boot - 2 years

Entity Framework - 3 years Hibernate - 1.5 years

Frontend Html 5 - 3 years.

CSS 3 - 4 years. Material UI - 1.5 years. NG Prime - 2 years.

Angular +2 - 3 years. React - 1.5 years.

Others Git version control CI/CD (Git Action)

AWS (S3, RDS ,EC2 ,EKS, VPC)

Docker

Good understanding of Clean Architecture and DDD

# PROFESSIONAL EXPERIENCE

Software Developer

ICAP At Columbia University Addis Ababa, Ethiopia, [website](https://icap.columbia.edu/where-we-work/ethiopia/)

Responsibilities and achievements:

Jun 2022 - Present

Design and develop reports using highly optimized queries that result in a 66% improvement in performance when generating large dataset reports.

Setting up CI/CD configuration for the development and demo environments on AWS EC2 with GitHub Action improves future delivery speeds for our clients.

Ethiopian OpenMRS HIV Reference Implementation (EthiOHRI) scalability testing to improve efficiency Prepare reports, manuals, and other documentation on the status, operation, and maintenance of software.

Support, version tracking, packaging application software using GitHub and NPM registry, and supporting releases of the final product on AWS EC2 instances.

Collect stakeholder and BA team feedback and timely address it by enhancing the system

Full-stack Developer

HillMark Ethiopia

Addis Ababa, Ethiopia, [website](https://www.hillmarkethiopia.com/)

Responsibilities and achievements: Clients

1. Ethio Ceramic:

Feb 2018 - Jun 2022

Mobile Sales Applications A project with MVP (Minimum viable product) requirements and the summarized problem domain was to solve a sales personal information gap with a stock inventory item with their respective quantities.

Role: Full-Stack Developer Responsibilities:

Delivering MVP products in just three weeks and collecting user feedback for the next iteration implemented security futures using Auth and JWT tokens.

Writing a unit test for the back-end endpoint Debugging the application and fixing performance hinders. Used Technologies:

Android Studio with Java Asp.net Core as the back-end API getaway, Entity Framework Core SQL Server Git version control.

1. Marie Stopes International Ethiopia:

Human Resource (HR) and Payroll System The main goal of this project is to maintain information on employees within the company and generate their monthly salaries based on the predefined pay rate and attendance. Additionally, provide precise and consistent reports for both managerial and organizational decision-making.

Role: Full-Stack Developer Responsibilities:

Analyzing and defining user requirements.Designing, developing, and testing the product. Integrate software components and third-party programsDeployment and continuous maintenance.

Used Technologies:

Asp.net for back-end development entity Framework CoreSQL Server Git version control Angular +2 Micro front-end

# EDUCATION

Bachelor's Information System Addis Ababa University

Addis Ababa, Ethiopia 08/2014 to 08/2017