

Tewodros Berhanu

Senior QA Automation Engineer | SDET

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EXPERIENCE

Senior Test Automation Engineer

iLearn Technologies

09/2025 – Present

Maryland, USA

Tech Stack | Tools: Selenium WebDriver, Playwright, Appium, Cucumber (BDD/Gherkin), Postman, Newman, JMeter, k6, BrowserStack, Sauce Labs, Java, JavaScript, CI/CD

- Designing end-to-end automation tests with Selenium , Playwright (Java/JS).
- Developing BDD scenarios using Cucumber (Gherkin).
- Building API automation with Postman/Newman in CI/CD pipelines.
- Performing performance testing using JMeter & k6.
- Creating automation frameworks for scalable microservices testing.
- Developing test reports using Excel, HTML, Next.js.

QA Tester | Automation Framework Developer

Green Agro Solution | Lersha

11/2024 – Present

Addis Ababa,
Ethiopia

Tech Stack | Tools: Selenium, Appium, Playwright, Cucumber (Gherkin), JMeter, Postman, Newman, BrowserStack, Sauce Labs, Java, JavaScript, CI/CD Pipelines

- Building custom automation frameworks using Selenium & Playwright (Java) to improve scalability and maintainability.
- Developing BDD-based automated tests with Cucumber (Gherkin) for functional and regression coverage.
- Performing API testing using Postman, Newman, and JMeter to ensure reliability and performance.
- Conducting performance testing with JMeter, leveraging BrowserStack & Sauce Labs for cross-platform execution.
- Ensuring functional quality and UI consistency across devices and platforms.

Senior Test Automation Engineer

UnitedCode

01/2026 – 06/2026

Texas

- Developed and maintained automated test frameworks for Linux terminal-based applications and system workflows
- Created automated test scripts to validate system functionality, stability, and performance across different environments
- Performed functional, regression, and integration testing to ensure high-quality software releases
- Automated repetitive testing processes, improving testing efficiency and reducing manual validation effort
- Analyzed test results, identified defects, and collaborated with development teams to improve system reliability
- Implemented QA best practices including test planning, reporting, and continuous improvement of automation processes

Full Stack Developer & AI Automation Engineer

Taleema

11/2024 – 12/2025
Stockholm, Sweden

Tech Stack | Tools: React, Next.js, Node.js, Groq AI APIs, Vector Search, Selenium, Playwright, Postman, Newman, JavaScript, CI/CD

- Implemented LLM based matching logic using embeddings and ranking models to align student profiles with suitable schools.
- Developed full stack modules using React, Next.js, and Node.js for onboarding, search, and analytics workflows.

- Integrated Groq AI APIs and vector search to improve recommendation accuracy and scoring.
- Built automated test suites using Selenium, Playwright, Postman, and Newman for API, integration, and UI validation.
- Performed API and functional testing to ensure reliability of AI-driven and backend services.
- Optimized backend performance and database queries for large scale datasets.

Full Stack | Mobile App Developer

EMG Consulting

04/2025 – 11/2025

Addis Ababa

Tech Stack | Tools: Next.js, React Native, Laravel, Node.js, JavaScript, Selenium, Appium, Playwright, Cucumber, Gherkin, JMeter, Postman, Sauce Labs, BrowserStack

- Developing web and mobile applications using Next.js and React Native.
- Building backend APIs and services using Node.js and Laravel.
- Integrating REST APIs across distributed systems.
- Implementing CI/CD pipelines and deployment workflows.
- Writing unit, integration, and E2E tests for system stability.
- Automating functional and regression testing using Selenium, Appium, Playwright, and Cucumber.
- Performing API testing using Postman and JMeter.

Frontend Developer & QA Automation

Binget Birr Binget Groups

07/2024 – 12/2024

Addis Ababa,

Ethiopia

Tech Stack: React.js, Next.js, React Native, Jest, Postman, Appium, Cucumber (Gherkin)

- Developed and maintained the BingetBirr fintech app, delivering a responsive React Native UI for seamless iOS and Android experiences.
- Built the VIA Ride hailing app, focusing on scalable cross platform functionality and real time user interactions.
- Developed a Next.js admin dashboard for efficient data management and system monitoring.
- Integrated REST APIs with backend services to enable real-time ride request updates.
- Performed unit and integration testing using Jest, ensuring high code quality and stability.
- Applied BDD testing with Cucumber (Gherkin) to create clear, automated functional and regression tests.

Frontend developer | QA Automation

Hance Technologies

04/2024 – 11/2024

Addis Ababa,

Ethiopia

Tech Stack: React.js, Next.js, React Native, REST API, Postman, Selenium, Playwright, Sauce Labs, Cucumber (Gherkin)

- Contributed to the development of a custom ERP system, supporting QA processes in a hybrid environment.
- Designed and executed test cases, reported bugs, and ensured system reliability and quality.
- Performed functional and regression testing to improve system stability and performance.

Software Developer, QA Tester & Project Coordinator

Game Changers Consulting PLC

09/2023 – 07/2024

Addis Ababa,

Ethiopia

Tech Stack | Tools: JavaScript, PHP, SQL, Jest, JMeter, Selenium

- Worked as Software Engineer and Project Coordinator on the Tracer Study System for six federal TVET colleges in collaboration with EU, GIZ, MOLS, and Game Changers Consulting PLC.
- Managed project progress and collaboration using Jira, ensuring effective task tracking and team communication.
- Performed software development and QA testing, improving system reliability and delivery quality.

Full Stack Engineer | MERN | QA Tester | Unit Test

Zitec

08/2021 – 09/2023
Bucharest, Romania

Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Playwright, Selenium, JMeter, Cucumber (Gherkin)

- Contributed remotely to Zitec , developing custom ecommerce systems in a collaborative engineering environment.
- Built and supported scalable web applications, ensuring performance, usability, and reliability.
- Performed automation and performance testing using Selenium, Playwright, and JMeter to ensure system quality.

Junior Developer | QA Tester

Zitec

12/2019 – 07/2021
Bucharest, Romania

- Developed React.js components and supported Node.js backend in MERN applications.
- Performed manual and automated testing to ensure product quality.
- Integrated REST APIs and MongoDB for data management.

Intern / Learning

Zzitec

10/2018 – 07/2019
Remote

- Assisted in building React.js components and learned Node.js & Express.js with development teams.
- Participated in manual testing and gained exposure to Selenium based automation basics with QA teams.
- Supported MongoDB data management and API workflows
- Developed foundational skills in MERN stack, debugging, and problem solving.

EDUCATION

Bsc Degree in Software Engineering

Bahir Dor University

10/2018 – 07/2023
Bahir Dar, Ethiopia

CGPA 3.82 Relevant Coursework

- Data Structure
- Algorithms Analysis
- Software Development Methodologies
- Software Testing Techniques and Metrics.
- Software Architecture Design

TECH STACKS | TOOLS

Tech Stacks | Tools

Java, JavaScript, React Js, Next Js, React Native, Git, MongoDB Appium, Jest, Selenium, BDD, Cucumber, Gherkin, Postman Newman, Sauce Labs, BrowserStack, JMeter, Playwright

COURSES

Project Management | Agile Project Management

Google Certified, Coursera

07/2023 – 04/2024

MERN Stack Development

Hong Kong University of Science and Technology | Coursera

08/2022 – 12/2023

JMeter Performance Testing

Simple Learn

02/2025

PROJECTS

Locator Generator

ATS helps QA teams and developers quickly generate reliable web locators and run performance scans. [↗](#)

03/2026 – Present

E2E Test Automation Framework for New York Cares Built an end-to-end Selenium + Cucumber Java BDD automation framework for New York Cares, including performance and penetration testing	03/2026 – 05/2026
Taleema AI Next.js, Python, API integration, AI Agent modification	11/2024 – 12/2025
API Performance & Load Testing Automation Framework (Newman & CI/CD)	08/2025 – 11/2025
Lersha Platforms Next.js, Selenium, Appium, Newman, Jmeter A platform that integrates multiple applications, including the Lesha App, Service Provider App, Data Collection App, OSS App and Access to Finance Admin Panels, implemented for various smallholder farmers to enhance their productivity.	11/2024 – Present
Super-Eazy Super App React Native, Laravel, Next.js, Cucumber, Jmeter, Playwright An application having nine different standalone services. from ride hailing up to ecommerces)	04/2025 – 11/2025
VIA Ride React Native Next.js Developed a ride-hailing app for Binget Group.	08/2024 – 12/2024
BINGET Birr React Native Next.js Selenium Appium Newman Developed a mobile e-money wallet for Binget Group, focusing on providing a seamless rexprience and integrating real-time functionalities.	07/2024 – 11/2024
Custom ERP Solutions React Tailwind CSS node.js Selenium Playwright Developed custom ERP solutions for Private enterprises, focusing on enhancing business operations.	06/2024 – 11/2024
Offline and Online Tracer Study Application Php JavaScript SQL Selenium Developed offline MS access and Web application for tracing graduates of six federal polytechnic colleges.: Client: GIZ, TVET Collages	02/2024 – 06/2024
Customizable ecommerce Platform MERN Stock Developed a Saas e-commerce project targeting multiple companies, designed to enhance online retail capabilities and streamline operations.	11/2022 – 07/2023
Job Recruitment Portal JavaScript, php, Bootstrap Client: Amhara Media Corporation	06/2021 – 08/2021
Offline and Online Chatting app React Node.js MongoDB Test Rail Postman Client: ICT directorate of AMC	05/2021 – 06/2021