

Naol Melesse

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EDUCATION

MS, Computer Science (Software Engineering) (Sep 2024 - Expected June 2026) Seattle University -- Seattle, WA
Software Engineering Fundamentals, Software Architecture and Design, Software Testing and Debugging, SAAS, Distributed Systems, Cloud Computing (AWS)
GPA: 3.5

Bachelor of Technology, Computer Engineering Marwadi University -- Rajkot, India
Data Structures, Design and Analysis of Algorithm, Object-oriented programming, Java, Database Management, .NET, Cloud Computing, Data Mining, Web technologies, Software engineering
CGPA: 3.6

SKILLS

Languages: HTML, CSS, C++, C#, JavaScript, TypeScript, Java, Python

Frameworks & Libraries: Node.js, React, Next.js, Express, Django, Jquery, Tailwind CSS, Angular, Strapi

Data: PostgreSQL, MongoDB, GraphQL, MySQL

AI Tools: Claude, Cursor, Copilot

Cloud: Azure, AWS S3, AWS EC2

Testing & QA: Playwright, Cypress, Manual Testing, Regression Testing, Integration Testing, CI/CD

Tools: Git, GitHub, Jira, Docker, Postman, Grafana, Google Analytics, Stripe, Terraform

EXPERIENCES

Junior QA Engineer | Auditorium (Remote, UK)

March 2024 - May 2025

- Web service for an interactive learning platform for students and teachers.
- QA engineer working with a team of engineers on an educational course platform for teachers and students
- Software testing through manual smoke and exploratory testing and test automation in CI/CD pipeline. Supported releases through regression testing and reporting release-blocking bugs. UI automation testing covered around 65% of user flow scenarios. Resolved minor frontend bugs to help support senior developers focus on bigger tasks.
- Skills - Playwright for UI testing, React, Typescript, Styled components, CI/ CD, Copilot Github, Jira, Team communication, Agile development, Software development life cycle

UI Developer Intern | Asite (Ahmedabad, India)

January 2023 - April 2023

- Designed and developed a learning management system for student and teacher to track courses, exams, school resources, attendances, and learning materials. Implemented frontend Angular components and pages. Collaborated with backend engineers to integrate backend services via APIs.
- Skills - Javascript, Angular, Bitbucket, Jira, Problem solving, Team work

PROJECTS

Graduation Capstone Project - Centralized sports data system

Sep 2025 - June 2026

Worked in a team of four to build a web app using React, Django and PostgreSQL for coaches and athletes to access sports data in a centralized cloud environment. Designed, planned and implemented a system for managing, analyzing and processing sports training data collected through various sports technology devices. The system interacts with external APIs of sports technology devices to gather athletes data and processes then saves into a central database which then is used to perform analytics and various insights (predictions based on training history).

Senior Home-Care Service Platform

Developed a web platform enabling home-care businesses to create service listings and customers to browse, filter, and connect with providers. Worked on frontend components and page development, RESTful APIs, and database schemas. Implemented search, form submissions with data validation, and admin dashboard for home-care business owners. I used - Next.js, TypeScript, Tailwind CSS, Node.js, Express, PostgreSQL

Full-Stack Travel Booking Platform

Built a full-stack travel booking platform for users to search, book, and manage bus travel between cities. Designed and integrated a secure payment flow using Stripe API and implemented authentication with Auth0. Developed and deployed the backend API using Express and Strapi CMS with Cloudinary for media storage. Next.js, TypeScript, Node.js, Express, Strapi, PostgreSQL, Stripe API, Auth0, Cloudinary