

# Naol Melesse

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## EDUCATION

**MS, Computer Science (Software Engineering)** 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  
- Awarded fully-funded scholarship under Study-In-India program

## SKILLS

**Programming Languages:** C++, C#, JavaScript, TypeScript, Java, Python  
**Frameworks & Libraries:** Node.js, React, Next.js, Express, Django, Jquery, Tailwind CSS, Angular, Strapi  
**Backend & Systems:** REST APIs, Microservices Architecture, Distributed Systems, Event-Driven Systems, Serverless Applications  
**Databases:** PostgreSQL, MongoDB, GraphQL, MySQL  
**AI Developer Tools:** Claude, Cursor, Copilot  
**Cloud & DevOps:** AWS (EC2, S3, Lambda, API Gateway, RDS), Docker, Terraform, CI/CD Pipelines, GitHub Actions  
**Testing & Observability:** Playwright, Cypress, Automated Testing, Integration Testing, UI Testing, Regression Testing, Grafana  
**Tools:** Git, GitHub, Jira, Postman, Stripe, Google Analytics

## EXPERIENCES

**Software Quality Assurance Engineer** | Auditorium (Remote, UK) March 2024 - May 2025

- Developed **automated UI testing pipelines** using **Playwright** and **GitHub Actions**, achieving **-65% coverage of critical user workflows**.
- Executed **manual exploratory, smoke, and regression testing** to ensure stability before production releases.
- Identified and reported **release-blocking bugs**, improving platform reliability and reducing production defects.
- Collaborated with frontend engineers working in **React and TypeScript** to debug and resolve UI issues.
- Contributed minor frontend fixes to improve development velocity and release cycles.
- Worked in **Agile development environments**, participating in sprint planning, bug triaging, and release testing.

**UI Developer Intern** | Asite (Ahmedabad, India) January 2023 - April 2023

- Designed and developed **Angular frontend components** for a Learning Management System used by students and teachers.
- Integrated frontend components with **backend REST APIs** to enable course tracking, exams, and resource management.
- Collaborated with backend engineers to implement **data-driven UI features** and improve application performance.

## PROJECTS

**Centralized sports data system (Graduation Capstone Project)** Sep 2025 - June 2026  
Designed and developed a cloud-based distributed data platform for collecting and analyzing sports performance data for around 350 student-athletes. This project enabled athletes and coaches to access training data and analytics. Implemented **automatic services** to ingest and process data from external sports technology devices.

**Senior Home-Care Service Platform (Client project)**  
Built a **full-stack marketplace platform** where service providers can list home-care services and customers can search and connect with providers. Developed **RESTful APIs and backend services using Node.js and Express**. Implemented **search, filtering, form validation, and admin dashboards** using **Next.js and TypeScript**. Designed relational **PostgreSQL database schemas** for service listings and customer inquiries.

**MonthlyTag - [monthlytag.com](https://monthlytag.com) (Client project)**  
Developed a **web platform for managing parking bookings** for businesses and customers. Built a responsive user interface for **searching, booking, and managing monthly parking spaces**. Followed **Agile development practices** including requirement gathering, design, and iterative implementation.