

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
- 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. Built a **full-stack web application using React, Django, and PostgreSQL** to provide athletes and coaches centralized access to training analytics. Implemented **REST APIs** to ingest and process data from external sports technology devices. Designed **database schemas and scalable backend services** to store and process large training datasets.

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 (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.