

# Tibebe Demissie

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## EDUCATION

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University of Westminster

Computer Science Bs/BSc

Relevant Coursework: Databases; Sensors and Interfaces; Object Oriented Programming; Machine Learning

London, UK

Sept 2022 - June 2025

## WORK EXPERIENCE

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Software Engineer - Placement

Matillion

Manchester, UK

July 2024 – Present

- Migrated 700+ repos from Bitbucket to GitHub with a Python tool, cutting manual effort by 90%.
- Built “Maker” CLI to automate local Kubernetes & ArgoCD development environments.
- Developed an Artifactory cleanup utility, reclaiming over 400gb of storage and preventing stale artifacts.
- Rotated as DevX support, resolving Terraform, PagerDuty, Github, CircleCI, and Maker issues via Slack.
- Wrote documentation and led workshops for Maker to boost internal adoption.

IT Support Engineer

The Dream Corporation/Otherworld

London, UK

Oct 2023 – July 2024

- Managed urgent escalations from experience guides and floor team members, resolving issues promptly.
- Monitored the uptime and performance of over 50 on-premises systems on Grafana
- Communicated with guests directly via VoIP to provide calm and reassuring technical support

## PROJECTS

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MicroVision - University Grant Project ( Sustainability Fund )

- Worked with Electronics students to create an automated microscope stage to aid with pathological analysis
- Developing a node js interface between the arduino microcontroller and microscope for automated image capture and movement
- Helped with the design and 3D printing of a case for the stage

Tinat (Ongoing) - [GitHub](#)

- Developed a local-first Bible-reading app with streak tracking, a clean UI, and an ad-free experience
- Added full Amharic & English localization
- Designing and prototyping a custom Ethiopic calendar UI for upcoming religious-event tracking features

Ergon - [GitHub](#)

- Used React and Java to create a dynamic website for borrowing and managing equipment for universities.
- Built RESTful APIs for authentication, notifications, and CRUD operations, enabling secure user management and real-time alerts

Flamingo Restaurant Website - [GitHub](#)

- Developed a fully responsive website for a local restaurant, utilizing React, Next.js, and TypeScript.
- Implemented a functional booking and reservation system to enhance customer interactions.
- Achieved a notable SEO score of 93/100 through server-side rendering optimization.

## ADDITIONAL

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**Technical Experience:** Javascript, Python, Java, Git, CircleCI, Terraform, Vault, Docker, Kubernetes, Grafana, Jfrog

**Languages:** Amharic, English;

**Certifications & Training:** Back-End Engineering Virtual Experience (Lyft)