

# HENOK WEHIBE

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## WORK EXPERIENCE

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MicrometeUK

*Lead/Full stack developer*

*2022 - 2024*

- Led the development of an Automatic Number Plate Recognition (ANPR) as a service project.
  - Automated vehicle identification and parking enforcement.
  - Reduced cost by using cloud infrastructures.
- Designed a Python/Flask backend with Redis and a React frontend.
  - Developed a new user interface with React, enhancing user experience and responsiveness.
  - Integrated the React frontend with Python/Flask backend using RESTful APIs.
- Developed Ansible roles to automate deployment across multiple environments.
  - Automated the deployment of the React frontend and Python/Flask backend using Ansible roles, enabling continuous integration and delivery.
  - Eliminated manual configuration errors and ensured consistent deployments across all environments.
- Integrated real-time video streaming using FFmpeg and OpenCV into the ANPR system.
  - Utilized FFmpeg and OpenCV to create a video streaming pipeline that feeds live footage into the ANPR system for immediate number plate recognition