

# What is the LIMS built on?

BioPACIFIC MIP's LIMS system was built with the help of several free and open source libraries and technologies. A brief summary follows:

## Backend

- Django 4.2
  - Django REST Framework (DRF)
  - DRF Spectacular
  - Django Widget Tweaks
- PostgreSQL 14.7
- Redis (for caching)

## Frontend

- Django Templates
- HTMX
- AlpineJS
- Plotly (data viewer)

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