



MetroPulse

A hypertension resource for NYC residents

The Dev Team



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frontend



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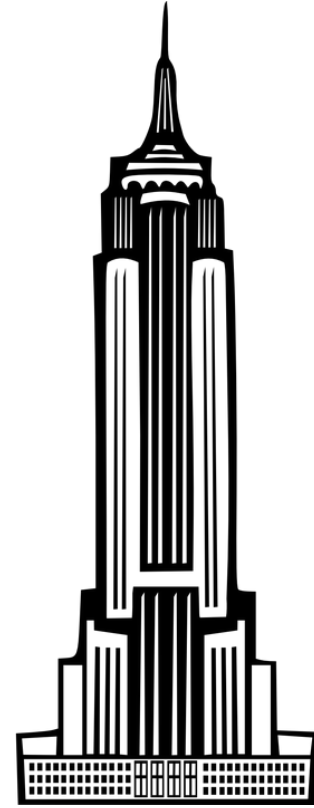
Kamil Kalowski
frontend / backend

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backend



Project Significance

- NYC has published concerning statistics on the prevalence of hypertension among its residents, and how it disproportionately affects the African American population in the city.
- We aim to help this community to more easily keep their blood pressure in check by finding local blood pressure testing centers, and in case of emergency find a facility able to help them stabilize their condition.



Demo

[Website](#)

[API Documentation](#)

Self Critique

What we Did Well

- Workload division
- Self-imposed deadline
- Mutual help
- Great communication

What we learned

- React / Flask
- Deployment
- Git collaboration

Mutual Teaching

- Postman usage
- Design
- PostgreSQL

Possible Improvements

- Backend speed
- Design consistency
- Code organization

Peer Reviews

- Mutual appreciation of our work
- Helped us stay on track

Puzzling Elements

- Google's APIs
- Selenium
- EC2

Developer Critique

What they Did Well

- Consistent design
- Fairly responsive
- Nice logo and splash page image

API Effectiveness

- Good structure
- Well documented & easy to use

User Stories

- Decent amount implemented
- Communication

Website Lessons

- Homelessness is a growing problem in LA
- Many resources available for the homeless

Possible Improvements

- Implement filtering
- Minor aesthetic changes

Puzzling Elements

- Search functionality implementation
- Card design

END
