

ZACHARY KATHE

Seattle, WA 98177

Phone: 480-252-6428 | Email: zacharykathe@gmail.com

LinkedIn: <https://www.linkedin.com/in/zachary-kathe-621415189/>

GitHub: <https://github.com/ZacharyKathe>

Portfolio: <https://powerful-journey-79626.herokuapp.com/>

SUMMARY

- ✓ Certified JavaScript MERN stack developer
- ✓ Bachelor's in G.I.S with special focus in Informatics
- ✓ Motivated by family & personal growth

TECHNICAL SKILLS

Languages: **JavaScript| Python| HTML5| CSS| SQL| React|**

Computer science: **Algorithms| Efficiency| Time Complexity| Big O Notation|**

Browser Technology: **jQuery| Handlebars| Local Storage| Session Storage| IndexedDB| React|**

Deployment/Command Line: **Heroku| Git| GitHub| pages|**

API: **REST API| JSON| Axios| Fetch|**

Databases: **MySQL| MongoDB| PostgreSQL|**

Server Development: **MERN stack (MongoDB, Express.js, React.js, Node.js)**

QA: **Unit Testing| Functional testing| Continuous integration|**

PROJECTS

Kinetik App: <https://github.com/ZacharyKathe/Kinetic>

Deployed Site: <http://kinetikapp.herokuapp.com>

- Won best functionality in UW coding contest and voted best by peers.
- My work was front-end React.js and adding a service worker and web manifest to make a Progressive Web App (PWA).
- GitHub Kanban leader of 3.
- **React.js| Moment.js| mySQL| React-Calender.js| NodeMailer.js| Material UI| Bootstrap| Token Authentication| Middleware| Axios|**

Gear Wise App: <https://github.com/tylercmac/gear-tracker>

Deployed Site: <https://gear-wise.herokuapp.com/>

- Won best functionality for a different UW coding contest. GearWise app tracks your trips, gear items, and gives you a total pack weight.
- Created was some of the database models. Crafted RESTful API routes, front-end functionality with jQuery, and Handlebars. Moreover, the Chart.js integration.
- **jQuery| Express.js| mySQL| Chart.js| bcrypt Authentication| Bootstrap|**

Travel Buddy App: <https://github.com/brooks-t/travel-buddy>

Deployed Site: <https://brooks-t.github.io/travel-buddy/>

- Managed 1. The user types in a city and gets back city stats and all the events in the city with tickets on Ticketmaster.
- My work was handling the API call to Ticketmaster and styling of the card that displayed the data. Along with, integration of the Covid-19 dashboard.
- **jQuery| Fetch| HTML5| CSS| Materialize| bcrypt Authentication | Bootstrap**

EXPERIENCE

GIS Analyst

Seattle Public Utilities *intern*

9/19 – 12/20

Seattle, WA

At Seattle Public Utilities my work was to analyze construction site plans and digitally map drainage and waste water assets for new building infrastructure in ArcMap 10.6. Moreover, using ArcMap to georeference the site plan on location and using external tools to make edits. I mapped catch basins, bio planters, permeable pavements, green roofs, wyes, and numerous other features.

Primary Skills: *Georeferencing *Site Plan Analysis * Asset Management *CAD *Remote Work
*ArcMap 10.6.1*Spatial Analysis*Geographic Information Systems

EDUCATION

Full-stack Certificate: University of Washington, Seattle, WA

Certification: Full-stack web development (MERN stack)

Bachelor's Degree: University of Washington, Seattle, WA

Degree: Geographic Information Systems (Geography)

Classes in: *Python *R *Informatics

REFERENCES

- ✓ Joseph Lalley Seattle Public Utilities GIS DWW Supervisor
(206)733-9575 - Joseph.Lalley@seattle.gov

- ✓ Paul Wilkinson Director of Golf & Tennis for the City of Seattle(retired)
(206)446-1541 - pablowx@comcast.net

- ✓ Rick Dunn Owner of Dunn Electric
(206)641-0531