

Tom Petty

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Software Engineer in St. Louis, MO

I appreciate a diversity of ideas, people, and culture which helps me bring a broad perspective to my observations and interactions. I see continuous learning and honing communication skills as vital to my success.

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PROJECT EXPERIENCE

Atlas — Web app

- Atlas is a web app that lets users add a marker and view markers for a geographic area. Imagine taking a walk in your neighborhood with a personal tour guide.
- Used forms and Google Map API to easily add/update a marker's location, name, description, and image attributes in a database.
- Simplified querying of Markers for a geographic area by using PostGis, a Postgres extension, to natively handle GIS data.
- Granted logged in users access to content through session cookies.
- Created secure passwords with Bcrypt's password hashing and salts.
- Delivered a MVP in 8 weeks, using Trello boards with agile practices.

WORK EXPERIENCE

Teaching Leadership Fellow — LaunchCode, St. Louis, MO

September 2020 – Present

- Use Slack and Zoom to coordinate with a team to provide timely assistance to students and manage biweekly classroom time.
- Answer student questions in a way that lets them own their knowledge.
- Pair program to communicate new concepts and check understanding which creates a comfortable environment for asking questions and learning.
- Evaluate student work for errors and provide feedback/guidance to lead them to solutions.

Bicycle Mechanic — The Hub Bicycle Company, Webster Groves, MO

January 2011 – Present

- Strengthened the service department reputation by efficiently adjusting and repairing hundreds of bikes in a way that was beneficial to both customers and The Hub Bicycle Company.
- Increased rider's confidence through teaching repair classes that cover flat tire fixing, gear adjustment, and other basic maintenance.
- Established a safe riding culture for our weekly group rides through example and direct conversations with cyclists during rides.

EDUCATION

LaunchCode, LC101 Programming Course — 2018

University of Kansas, B.F.A. Industrial Design — 2010

SKILLS

PROGRAMMING LANGUAGES

- Java
- JavaScript
- TypeScript
- HTML5/CSS3

FRAMEWORKS

- Angular
- Spring Boot
- Jasmine
- JUnit

DATABASES

- MySQL
- PostgreSQL

TOOLS

- IntelliJ
- Git
- Thymeleaf
- NPM
- Gradle
- TDD

CONTINUED EDUCATION

Google Associate Cloud Engineer: Get Certified — 2020
[Udemy certificate](#)