

Mary Lark

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San Ramon, Ca

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills: Python, React.js, Redux, JavaScript, Node.js, Express, HTML5, CSS3, python, SQL, postgresSQL RDBMS, Sequelize, sqlalchemy ORM, Alembic, Adobe xD, AWS, Heroku, Docker, Docker Compose

Experience

IT Engineer | Toolwire, Inc.

April 2011 - July 2017

- Designed, implemented, and standardized virtual environment delivery using perl scripting to prepare components, such as: LAN's and vbScript, and persistent storage connections, reducing delivery time from 5 days to 1 day.
- Managed over 200 Citrix servers, updating and normalizing servers to maximize server utilization and reduce server requirements by 40%, reducing the need for added power to our server cage.
- Performed database updates utilizing visual basic for applications, transforming excel data into SQL, reducing new course roll-out time by 50%.
- Provided complex infrastructure workflow training for both engineers and course designers, reducing ticket "turnaround to resolution" time by 75%.

Software Consultant | Canyon Hills Group

August 2017 - July 2020

- Provided web design and delivery utilizing Wordpress and Magento CMS systems for small local companies, providing clients with public facing presence.

Projects

Scheduler (Python, HTML5, CSS3, sqlalchemy, Alembic, Webpack)

[live site](#) | [github](#)

Placement agency scheduling assistant for outsourcing and managing contractor placements

- Authenticated and authorized users utilizing flask_login on the backend, protected routes on the frontend.
- Implemented data consistency and automated UI component updates with Redux store and React hooks.
- Provided scheduling functionality through the use of datetime on the backend, and moment on the frontend in order to determine job placement within calendar view, allowing date comparisons (before, after, isSame).
- Provided user interface via Material-Ui components for consistent display of calendar days, forms, and tables.

CF Riders (JavaScript, React/Redux, JSX, Express.js, postgresSQL, Sequelize ORM)

[live site](#) | [github](#)

A Social Networking Site Providing Bicycle Equipment with customer reviews

- Provided user security via bcrypt hashing on the backend to obfuscate and secure user passwords.
- Maintained site consistency and reduced development time by exploiting component reuse.
- Created backend API's using Express.js providing RESTful endpoints for data lookup and storage.

Cadence (Python, React/Redux, JSX, Express, postgresSQL, Sequelize, AWS, Heroku)

[live site](#) | [github](#)

A Social Networking Site Providing customized Route Maps for running, hiking or bicycling

- Provided mapping functionality with Google maps api allowing users to create map routes, and determine distances and elevations in order to calibrate their workout exertion to use during their workouts.
- Enabled photo upload and storage for the user to store their workout photos via AWS S3 integration, and photo metadata within postgresSQL database.
- Created easy associations for the user to store their workout information, route maps, and workout comments using database models, migrations, and tables using postgresSQL/Flask-SQLAlchemy/Alembic db/ORM.

Coredump (JavaScript, React/Redux, JSX, Express, Pug templates, postgresSQL)

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A Social Networking Site for Providing Software Q & A

- Employed postgresSQL/Sequelize database/ORM to store product ratings and user comments.

Education

App Academy | San Francisco, CA. July 2020

Immersive 1000-hour full-stack engineering course with < 3% acceptance rate

San Francisco State University | San Francisco, CA

BS in Computer Science

Project Management Institute | Project Management Professional (PMP)

Scrum Alliance | Certified Scrum Master (CSM)