Mary Lark

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Skills: Python, React, Redux, JavaScript, Node, Express, HTML, CSS, Python, SQL, postgres, RDBMS, Sequelize, Flask, SqlAlchemy ORM, Alembic, Figma, AWS, Heroku, Webpack, Docker, Docker Compose, GitHub, REST API's, TDD

Experience

Student | App Academy   July 2020 – Dec 2020
- Updated my tech stack with the latest web technologies using best practices and design patterns.

Software Consultant | Canyon Hills Group   August 2017 - July 2020
- Architectural and design consulting providing web design and delivery utilizing Wordpress and Magento CMS
- Software development consulting with Object-oriented design in a DevOps / Agile environment with Angular UI.
- Performed QA in a React / Native environment on mobile platforms with both Android and iOS development. Used Jest and Gradle in our Test-Driven Development within a DevOps CI/CD environment on Azure.

IT Engineer | Toolwire, Inc.   April 2011 - July 2017
- Designed, implemented, and standardized Citrix and VMWare virtual environment for our SaaS systems delivery using perl scripting to prepare components, such as: LAN's 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.
- Maintained data warehousing system utilizing visual basic for applications, transforming excel data into SQL, reducing new course roll-out time by 50%.
- Architected and delivered complex infrastructure workflow training for both engineers and course designers, reducing ticket "turnaround to resolution" time by 75%.
- Enhanced code base written in Java with Spring Boot / Hibernate, Junit and JavaBeans, JSP, and SQL on an Agile development team using JIRA and Confluence in 2-week sprints following our sprint planning sessions.

Projects

Scheduler (Python, HTML, CSS, Flask, FlaskSQLAlchemy, Alembic, postgres, Webpack)   live site | github
Placement agency scheduling assistant for outsourcing and managing contractor placements
- Provides authentication and authorization via API's on the backend and authorized private routes on the frontend to maintain user security.
- Utilizes postgreSQL database for tracking contractor, placement agency, and hiring manager requests and schedules
- Provides data consistency across components using Redux store and React hooks managing UI / UX state.

CF Riders (JavaScript, React / Redux, JSX, Node.js, Express.js, postgreSQL, Sequelize ORM)   live site | github
A Social Networking Site Providing Bicycle Equipment with customer reviews
- Provides user security via bcrypt hashing on the NodeJS, Express backend.
- Tracking and storing data using postgreSQL/Sequelize for product ratings as well as comments
- Reusing components was the forefront of this design maintaining site consistency and reducing development time.

Cadence (Python, React.js, Redux, JSX, postgreSQL, Sequelize, AWS, Heroku,RESTful APIs)   live site | github
A Social Networking Site Providing Customized Route Maps for running, hiking or bicycling
- Providing elevation, distance and time information in our UI/UX via Google maps API and AWS S3 integration for storing user uploaded workout photos associated with a particular route.
- Creating models, migrations, and database tables using Python Flask library and sqlAlchemy and Alembic

Coredump (JavaScript, ReactJS, Redux, JSX, NodeJS & ExpressJS, Pug templates, postgreSQL).   live site | github
A Social Networking Site for Providing Software Q & A
- Providing associations and product ratings as well as user comments with postgreSQL database design utilizing Sequelize ORM for managing db modeling and queries.

Education

App Academy | San Francisco, CA July 2020 Immersive 1000-hr full stack engineering course
San Francisco State University | San Francisco, CA | Bachelor of Science in Computer Science (BSCS)