

Heba Elkasaby

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Licenses

Engineer in Training (EIT) | No. 1513636-500 | State of Wisconsin

August 2020

Education

App Academy

December 2020 - June 2021

A 1,000-hour, immersive software development boot camp focuses on full stack web development.

Mansoura University

Bachelor's in Computers and Systems Engineering

Aug 2001 - Jun 2006

Skills React.js, Redux, JavaScript, Python, Node.js, Express, HTML, CSS3, Jinja, jQuery, Flask, SQL, PostgreSQL, SQLAlchemy, AWS, Heroku, Docker, Photoshop, 3Ds Max, Paired Programming, Project Management, Data Organization, Bilingual (Arabic and English)

Projects

Kiddos

[Live Site](#) | [Github](#)

(JavaScript, React / Redux, Python, Flask, PostgreSQL, SQLAlchemy, CSS3, Heroku, Docker, Pipenv)

A single-page application for users to explore and buy children's clothes and save their favorite items.

- Ensured user privacy through authentication measures and React / Redux in the frontend and Flask in the backend.
- Reduced the need for a PostgreSQL database by utilizing relationships between the models in the database.

OverShare

[Live Site](#) | [Github](#)

(JavaScript, React / Redux, Python, Flask, PostgreSQL, AWS, SQLAlchemy, CSS3, Heroku, Docker, Pipenv)

Instagram clone where users can share and view photos.

- Reduced the server load by utilizing AWS S3 to implement the user photo upload.
- Designed a weighted search algorithm to build AJAX autocomplete suggestions.

ShowMe

[Live Site](#) | [Github](#)

(JavaScript, Pug.js, Express, Node.js, HTML, CSS, PostgreSQL, Sequelize)

Goodreads clone where users can view, review, and gather basic information about TV shows.

- Used Bcryptjs algorithms to hash the password that was stored in the database.
- Express was used to create the server routes to get, post, delete, or patch data from the database.

LiveLife

[Live Site](#) | [Github](#)

(JavaScript, React / Redux, Express, Node.js, Sequelize, SQL, PostgreSQL, HTTP, CSS3, Heroku)

Meetup clone where you can meet new people, make a new event, and attend an event.

- Ensured user privacy through authentication in front and back ends.
- Bcryptjs algorithms was used to hash the password that will be stored in the database.

Experience

Lincoln Elementary School | Macomb, IL

January 2016 - May 2016

- Worked as a volunteer teacher assistant with children one on one in a specific math program.

Valley View Elementary School | Menomonee Falls, WI

June 2016 - December 2017

- Worked as a volunteer teacher assistant.