

Nehal Eloraby

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SOFTWARE DEVELOPER

As a software developer with a background in occupational therapy, I utilize my understanding of population needs and accessibility to develop inclusive and user-friendly software solutions. Strong technical background and a proven track record in customer support, I am motivated by the challenge of integrating accessibility with innovative technology.

TECHNICAL & INTERPERSONAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, MongoDB, JSON, Typescript, EJS,

Libraries and Frameworks: React, Express.js, Django, jQuery, Bootstrap, Tailwind, Angular

Tools and Frameworks: PostgreSQL, MongoDB, RESTful Routing, JSON API, Node.js, Git, Github, UNIX/Linux command line, Heroku

Concepts: Front-end development, full-stack development, responsive design, DOM manipulation, MVC architecture, REST APIs, Agile development

Interpersonal skills: Collaborative problem-solving, effective team collaboration, adaptability, proactive communication

TECHNICAL PROJECTS

Suggestify - Javascript | Node.js | Express.js | Mongoose | React | HTML | CSS

- Developed Suggestify, a social media recommendation platform, utilizing the MERN stack to offer user authentication and CRUD functionalities.
- Co-engineered a user-friendly interface with React, establishing a stable MongoDB database to ensure efficient data handling and an engaging user experience.
- Deployed the application on Heroku and maintained version control with Git and GitHub, emphasizing teamwork and consistent application performance.

Goal Mosaic - JavaScript | Node.js | Express.js | MongoDB | Bootstrap | HTML | CSS

- Designed and developed a web app for setting, categorizing, and tracking personal and professional goals, enhancing user productivity and goal management.
- Utilized HTML, CSS, JavaScript, and Bootstrap for the front end to create a sleek and intuitive user interface.
- Employed Node.js and Express.js for the backend to handle user interactions and data management and implemented MongoDB as the database for secure and efficient data storage.

Thin Ice - HTML | CSS | JavaScript | API

- Created an interactive trivia game using web technologies and an external API to fetch a diverse set of trivia questions, engaging users with a dynamic gaming experience.
- Designed and implemented an adaptive user interface, incorporating automatic question updates and gaming logic to maintain user interest and challenge levels.

EXPERIENCE

Wyss Wellness Center, Occupational Therapy Intern

Philadelphia, PA, 09/2023 - 05/2024

- Co-developed and managed an occupational therapy program at a primary care clinic to enhance accessibility and social participation for immigrants and refugees, fostering greater social inclusion.
- Collaborated with an interprofessional team, including physicians, nurses, and social workers, to ensure client-centered care while creating operational tools such as program flyers and referral forms to promote patient and staff engagement.
- Performed 10 semi-structured interviews to identify the daily needs of immigrants and refugees to enhance occupational therapy program interventions.
- Led weekly Tai Chi and Yoga sessions for elders, promoting physical health and social interaction within the community.

EDUCATION

Thomas Jefferson University, Doctorate of Occupational Therapy

Philadelphia, PA: 05/2024

General Assembly, Certificate in Software Engineering

Remote: 12/2023

Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

University of Kentucky, Bachelor of Arts in Biology

Lexington, KY: 05/2017

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