Elizabeth (Beth) Hollinger

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SOFTWARE ENGINEER

As a Software Engineer with a unique background, I bring a diverse set of skills and experiences to the table including technical writing, customer service, and teamwork. After a successful career as a physical therapist and a fulfilling break caring for two octogenarians full time during the pandemic, I am excited to pivot into coding and tackle new challenges! With a strong foundation in healthcare and a passion for learning, I am eager to contribute my expertise to innovative software solutions.

TECHNICAL & INTERPERSONAL SKILLS

Languages: JavaScript, Python, HTML, XML,CSS, Sass, additional coding applications
Libraries and Frameworks: React, Express.js, Django, Jquery, Bootstrap, Materialize, nodejs
Database and other: NoSQL, MongoDB, PostgreSQL, SQL, data analytics, REST APIs, JSON, asynchronous data processing, Tableau, MVC, Agile, Scrum, AWS (Amazon Web Services) S3, Cloud, Azure, front-end/back-end solutions, testing with Postman, Slack, Kanban, Lean principles, scalable systems, technical writer, test-driven development, github
Interpersonal skills: collaboration, excellent communication skills with team and stakeholders, continual development and growth, analytical and evaluative skills

TECHNICAL PROJECTS

Plantivity - Presentation | Deployed App - React | MongoDB | Node.js | Express.js | RESTful API | Figma
General Assembly Spring Hackathon 2023 - 4 day sprint with a cross-functional team of software engineers and UX/UI designers with the theme of Gamification. Presented to a panel of 4 industry experts.
- Contributed to frontend development on a cross-functional team of developers and UX designers
- Translated Figma designs into a deployed web app
- Met consistently with designers and collaborated in team meetings to obtain feedback on the development process and pivot as needed to meet MVP

Capstone UX Engineering Module - Presentation - Figma | Sketch | InVision
Capstone Project presenting the UX design process
- Implemented UX design process to redesign previous website project Superheroes and Villains
- Employed use of Figma to create wireflow diagram and clickable prototype to improve user experience
- Performed usability testing, created rainbow spreadsheets and presented findings to cohort

Senior Support Services - GitHub | Deployed App - Python | Django | SQL | jQuery | Materialize
An app that allows seniors and their guardians to track care agencies
- Created full stack application providing full CRUD operations and two models for users to implement
- Compiled user input utilizing backend SQL database
- Utilized materialize along with CSS to style the application using UX design principles

Essential Oils and Recipe Catalog - GitHub | Deployed App - Node.js | MongoDB | Mongoose | EJS | Postman
An app that catalogs essential oils and essential oil recipes
- Developed two model full CRUD application that allows users to create, edit, update and delete data
- Configured MongoDB utilizing Postman to access schemas and seed data to display data to the site
- Improved use of CSS to enhance visual presentation and theme

Superheroes and Villains - GitHub | Deployed App - HTML | CSS | JS | API
An app that compiles the powerstats and images of superheroes and villains using an API
- Designed responsive page employing CSS flexbox for a spectacular superhero display
- Used AJAX to request data from an external data source
- Applied JavaScript and jQuery to access API via AJAX call

EXPERIENCE

Licenced Physical Therapist, *Norristown, PA, 01/2013 - present*
- Write, maintain and review technical documentation to reach optimal stakeholder outcomes
- Demonstrate excellent communication skills, both verbal and written, with teams to provide clear evaluation plans
- Research, analyze and evaluate the latest industry journals to secure successful evidence-based practices
- Employed critical thinking to adjust POC and interventions to achieve optimal patient outcomes for over 2000 in outpatient settings.

At Home Caretaker, Caretaker, *Norristown, PA, 08/2019 - 12/2022*
- Managed medical and psychological care for two octogenarians with mobility challenges
- Coordinated medical providers to ensure that internal care plans and home health care were built and implemented for scale, sustainability, accessibility and fit for purpose
- Restructured operational processes for medical teams, leading to increased efficiency and improved moral

Elizabeth Hollinger Massage Therapy, Certified Massage Therapist, *Norristown, PA, 01/2001 - 12/2009*
- Operated small business with emphasis on community outreach to achieve high client volume of more than 30 clients/week
- Maintained corporate contracts with Penn National Bank, Avalon Bay, McDonald's Corporate Office in Plymouth Meeting, Home Depot, Main Line Health System and multiple medical/dental offices
- Developed treatment plans based on assessment that addressed each client's specific needs

Travel Agent, Carlson Wagonlit Travel, *Denver, CO/King Prussia, PA, 11/1998 - 11/2005*
- Recipient of the Imperial Honor Award - company's highest award for performance.
- Demonstrated ability to build strong relationships with clients through exceptional communication and customer service skills
- Consistently deliver seamless travel experiences that exceed client expectations while managing costs and maximizing efficiency

Professional Development Coordinator, Tucson Association of REALTORS©, *Tucson, AZ, 1998*
- Collaborated with managers and supervisors to identify the training and development needs of members
- Designed and delivered training programs, workshops and other learning experiences that align with the REALTORS© goals and objectives

Research Coordinator, Pima Youth Partnership, *Tucson, AZ, 1997*
- Assist with the preparation of research reports, manuscripts and other deliverables, including contribution to data analysis and interpretation
- Develop and write compelling grant proposals, grant applications, and other funding requests that meet the requirements of potential funding sources
- Coordinate and manage research studies, including study design, recruitment of participants and data collection and analysis

Community Outreach Specialist, Arizona League of Conservation Voters, *Tucson, AZ, 1996*

Fundraiser, Multiple Sclerosis Association, *Tucson, AZ, 1996*

Program Leader, Senior Connections, *Owings Mills, MD, 1995-1996*

Fundraiser, Clean Water Action, *Baltimore, MD, 1993-1995*

EDUCATION

General Assembly, Certificate   *Remote, 2022*
Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies
Drexel University, DPT**,** Doctorate of Physical Therapy   *Philadelphia, PA, 2012*
Millersville University, Bachelor of Arts - Cum Laude - Maj. Psych, Min. Criminal Justice *Millersville, PA, 1993*