Liv Nelson

FULL-STACK ENGINEER

As a full-stack engineer, I bring a unique blend of technical expertise and creative skills to the table. My proficiency in Ruby on Rails, SQL, and RESTful APIs allows me to develop innovative solutions that drive positive change and disrupt outdated practices.

Additionally, my background in website and graphic design, photography, as well as my proficiency in JavaScript and React, enable me to approach problems with a creative perspective, delivering aesthetically pleasing and user-friendly solutions. I am a quick learner and have demonstrated strong leadership throughout my career. Furthermore, I am continuously expanding my skill set, most recently by learning AWS, TypeScript, and SolidJS.

TECHNICAL PORTFOLIO

Myflix - Github
A Netflix clone app that allows users to log in and view movie trailers, add movies to favorites and search titles
- Implemented React to create an interactive & efficient UI with custom CSS to simulate user experience of Netflix.
- Employed BCrypt to securely store encrypted passwords in the database and implemented custom authentication.
- Acquired and utilized new technologies including React-Router-Dom, Axios, YouTube & useSound.
- Developed a Rails API back-end to efficiently handle data persistence & respond to fetch requests.

National Park Trip Planner - Github
This app helps users plan trips and available activities to National Parks located in the State of California
- Utilized React & Ruby on Rails to create a single page web app that allows users to plan/create, edit & delete their trip.
- Coordinated with team on what app functionality to build out.
- Expanded my knowledge working with API's.

InstaFame - Github
Social media style message and picture sharing application inspired by Instagram
- Developed JavaScript/React front-end and leveraged the Sinatra framework to build the application & used custom CSS along with Material UI to design the look.
- Utilized Tokens and sessions to keep users logged in upon page refresh and established backend associations to associate likes & other features with users.
- Adhered to RESTful & built CRUD functionality for core resources.

PROFESSIONAL EXPERIENCE

Liv Creative | Founder | liv-creative.com   *Los Angeles, CA*
Web Designer, Graphic Designer & Software Engineer   May 2009 - Present
- Expertly created, launched & managed over a dozen visually appealing responsive websites for a diverse range of businesses & non-profit organizations, including: HR consulting agencies & city event planners.
- Utilized data analytics tool to monitor website activity, driving insights & improving website performance.
- Designed custom graphics, including: company logos, brochures, fliers, invitations & custom videos to meet clients' needs.
- Built custom patient management software for a mobile veterinarian to manage business, including: animal care, billing, staff scheduling, invoicing and payment system increasing business profits over 50% in 6 months.
- Developed innovative marketing & advertising tactics to grow from the ground up, solidifying relationships with over 20 business partners & becoming a preferred vendor.
- Collaborated with business owners, high-level executives & employee teams to bring projects to life & achieve business.
- Created a special 2-hour long video to air on public tv made from citizen submissions, historical videos & school performances wishing the city of Monrovia a happy birthday during the 2020 stay safe at home season in lieu of the annual 3-day celebration that include a parade and carnival.

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Github | @livnelson

TECHNICAL SKILLS

JavaScript • React • Redux • Ruby Rails • HTML • RESTful Architecture CSS/SASS • GitHub • Postgres • SQL WordPress PHP • Adobe Creative Suite Cloud Storage • WooCommerce • AWS NodeJS • SolidJS • TypeScript

EDUCATION

Flatiron School   *New York, NY*
Software Engineering
Certified Software Engineering - Jan 2023
Expanded skills in Full Stack Web Development, React, Ruby on Rails, and JavaScript programming.

Collin County College   *Plano, TX*
Graphic Design & Photography
Studied Film & Digital photography, film development & graphics design best-practices & skills.

Harding University   *Searcy, AR*
School of Nursing
Certified CNA
Studied patient skills, health care techniques & participated in clinical training in preparation to take the NCLEX exam.

EMT Services   *Plano, TX*
Emergency Medical Technician
Licensed EMT
Learned life-saving skills & techniques in preparation to take the State Board exam & earned EMT license from the State of Texas.

VOLUNTEER EXPERIENCE

SoCal Arts | socal-arts.com
2020-Present
- Designed responsive website & streaming platform for viewing online shows and performances.
- Created marketing materials including fliers, banners, programs, promotional videos & projections for performances.

Centre Stage, Inc |centrestageinc.com
2017-Present
- Updated responsive website and streaming platform for viewing online shows & performances.
- Created marketing materials including fliers, banners, street signs, programs, promotional videos, and projections for performances.