Timothy Ellis
Full-Stack Web Developer

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Summary

Full-stack web developer and professional circus and fire artist who loves using creativity and innovation to solve any task. Excited about intuitive, interactive front-end web applications and designs that are elegant in their functionality. Detail-oriented, highly skilled in communication and collaboration, and infinitely adaptable, I am a lifelong learner and teacher who is excited to explore puzzles from every angle and find the most elegant solutions.

Technical Skills

Javascript (ES6) | Node.js | React.js | Express | Postgres | pSQL | MongoDB | Mongoose | Vue.js | Python Django | PHP | SQL | HTML/HTML5 | CSS | VSCode | Git | Google Suite (Gmail, Docs, Sheets, Slides) | Microsoft Office Suite (Word, Excel, PowerPoint) | Adobe (Photoshop, Illustrator) | Windows10

Software Development Projects

Green Thumb | *Full-Stack Developer*   **May 2022**
- Full-stack responsive web application that allows users to organize their houseplants by location in their home, find the best match for new plants based on light levels or other details, and create a schedule for watering and other basic plant-care needs.
- Designed and created a full-stack web application utilizing a Python/DjangoREST backend and React frontend enhanced with Bootstrap framework, with full CRUD and JWT authorization.
- **Technologies: React, Python, Django, Postgres, Javascript, Bootstrap, HTML, CSS**

Foodle | *Project Manager, Back-End Developer*   **Apr 2022**
- Full-stack web application that simulates an Instagram-style photo sharing social media app, including a robust suite of common features like comments, likes and followers.
- Collaborated with a team of 3 software developers in a 1-week sprint to create a full-stack PERN application with full CRUD capabilities and JWT authorization.
- **Technologies: React, Express, Postgres, pSQL, Javascript, HTML5, CSS**

Personal Birding Tracker | *Full-Stack Developer*   **Apr 2022**
- Full-stack web application that acts as a birding log that cross-references bird sightings with local parks, including features like unique notes for each entry, search capabilities, and a species-lookup feature.
- Designed and created a full-stack MERN application with full CRUD capabilities in a relational database structure, incorporating 3rd-party API data.
- **Technologies: React, Express, MongoDB, HTML, CSS, eBird.org API**

SET Card game | *Front-End Developer*   **March 2022**
- A fully-functional solitaire-style application based on the card game SET, in which the player must find Sets of cards with a series of patterns and shapes based on a simple set of game rules.
- Utilized solely Javascript (ES6), CSS3 and HTML to program and render a fully playable solitaire-style game, with a number of additional custom features including score keeping, difficulty level settings, and hints.
- **Technologies: Javascript, CSS, HTML, GSAP plugin**

Professional Experience

Circus Artist (Self-Employed, Sole Proprietor) | Boston, MA   **Jan 2012 - present**
- Perform nationally/internationally as an individual artist and with groups like the Boston Circus Guild, Cirque Delight, American Repertory Theater, Wunderle's Big Top Adventures, and more.
- Regularly manage large-scale projects, negotiate contracts, track time management, collaborate with peers and event managers, and coordinate with multiple production departments for complex events.
- Created customized accounting systems using query-based formulas in Google Sheets to track quarterly profits & losses and other accounting details.

Freelance Web Developer, Esh Circus Arts | Boston, MA   **March - July 2014**
- Redesigned and managed client-facing website for recreational circus studio, including WebHosting, PHP design, and implementation of 3rd-party API for front-desk services.

Freelance Web Developer, Ponderosa HS Lacrosse | Parker, CO   **Jan. - Sept. 2012**
- Built full-stack web portal including front-end website and custom admin page with full CRUD and authorization, using HTML, PHP and mySQL.

Education

General Assembly | Remote
Software Engineering Immersive   **August 2021 - March 2022**
Full-stack software engineering immersive student in an intensive, 12-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Vassar College | Poughkeepsie, NY
Undergraduate Degree - Bachelor of Arts (BA)   **Graduated May 2007**
Major: Drama, with a focus in Lighting & Scenic Design. Minor: Music Composition.
Graduated with Departmental Honors.