Petal Ladenson | Full Stack Software Developer

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SUMMARY

I am a meticulous Software Engineer with a passion for coding. I will tenaciously execute and debug code to solve problems. With a focus on usability and accessibility I streamline customer experience to enhance outcomes. I want to bring my technical and customer service skills to help make systems easier to use, more intuitive, and more accessible for end users. I am proficient in both the front-end and the back-end and most of my work integrates both.

TECHNICAL SKILLS

LANGUAGES: HTML (HTML5) | JavaScript (ES6) | CSS (CSS3) | SQL (PostgreSQL) | NoSQL (MongoDB) | Git | Github | Python | Node / NPM | C# | Java

LIBRARIES AND FRAMEWORKS: JQuery | Express | EJS | Angular | Angular Material | .NET | ASP.NET | Typescript | Svelte | React | Spring Boot | Bootstrap | Materialize

CONCEPTS: REST APIs | Agile Methodologies (CRUD) | Relational Databases | OOP | Adobe Suite (Photoshop, Illustrator)

RELEVANT EXPERIENCE

Software Engineering Fellow   Remote
General Assembly   2023-2024
- *Successfully completed 500+ hours of expert led instruction in Full stack development (focus on MERN), and hands on learning of JavaScript and Python fundamentals and the industry's best practices*

PluralKit | Discord Bot   2021-Present
Contributor and Support Staff | Official Website | Github | API Integration | API Integration GitHub
- *Contributed to the C# backend and the ASP.NET API, including making and running database migrations in PostgreSQL and extensively testing and debugging my code and general bugs*
- *Personally developed custom frontend tools using Angular and React that hooked into the API*
- *Recorded user suggestions and requests on Notion, as well as contributing to tech support on user issues*

Character the Creationing | Solo Project | Live | Frontend GitHub | Backend GitHub   2024
- *Guided character creator for the TTRPG system Dungeons the Dragoning*
- *Responsive static frontend made in Svelte*
- *REST API backend made in Spring Boot*

Battleship | Solo Project | Live | GitHub   2023
- *Single Player browser-based Battleship clone*
- *Responsive static site made using HTML5, CSS3, and JavaScript ES6*

Character Manager | Solo Project | Live | GitHub   2023
- *Website for storing and editing character concepts*
- *Dynamic site using MongoDB for the database, Express for the back-end, and JavaScript for the front-end*

devPort | Team Project | Live | GitHub   2023
- *Social Media site for sharing portfolio projects and contacting other developers*
- *Dynamic site using MongoDB for the database, Express for the back-end, and React for the front-end*

WORK AND VOLUNTEER EXPERIENCE

Team Member   Lakewood, CO
JoAnn Fabrics and Crafts   2022-2024
- *Manages front of store procedures and customer experience flow, delegating as needed*
- *Provides exceptional customer service and communication skills to numerous interactions with customers*
- *Utilizes effective time management and prioritization of tasks, switching between high-priority time-sensitive tasks and low-priority long-term tasks as new tasks come in*

Treasurer   Golden, CO
Mines of Moria Belegarth Chapter   2021-2023
- *Analyzed and itemized supplies to maintain club workflow*
- *Submitted financial forms and requests to a federal institution, and handled purchases using those funds*

EDUCATION

General Assembly   **Remote**

Software Engineering Immersive   August 2023 - March 2024

- *Full-stack software engineering immersive student in an intensive, 24-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.*

Colorado School of Mines   **Golden, CO**

Computer Science   2020-2023

- *Excelled in courses such as Software Development (focus on Java and Agile) and Intro to Linux (focus on bash scripting)*