

IAN LOWE

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SKILLS

PHP, Laravel, JavaScript/HTML/CSS, MySQL, jQuery, ActiveMQ/Message Queues, Background Jobs/Job Queues, Cron Jobs, Linux/Unix, NGINX, Git, Gitlab, Java, Selenium, Python, C/C++, React, Vue, Docker, DNS, EPP, Jira, Confluence, Elastic, Google Cloud

EXPERIENCE

101Domain

August 2021 - Present

Software Engineer

- Collaborated across departments as a tech lead, including working with executives, to design and develop a system to audit thousands of daily domain registration actions, resulting in a decrease in registration errors by 7% and an annual savings of \$50,000.
- Led a seamless software migration of our domain audit system to PHP 8, Debian 12, and Jira Cloud.
- Work efficiently in our 4 million line of code main system on various features and bug fixes in areas such as reporting, billing, user interface, and domain registration.

Junior Software Engineer

- Designed, implemented, tested, and maintained three report generators for our corporate services team, which allowed our corporate services revenue to increase by 35% from 2021 to 2022.
- Developed ETL pipelines using JavaScript, FiveTran, and Google BigQuery, providing automated reporting on company profit as well as customer usage data.

FilmTrack

April 2020 – August 2021

Intern

- Doubled the speed of data collection and ingestion of business critical KPIs by writing scripts to automate tedious web-browser and Excel data entry using Python and Selenium.
- Created data visualizations using Python and Matplotlib to help Customer Success better interpret client data.

PROJECTS

MyPlanner.garden | myplanner.garden

- Co-developed a gardening web application using Laravel/Vue with features such as AI plant identification, garden diagramming, email watering reminders, and geographically based plant recommendations.

Machine Learning Music Genre Recognition Project | bit.ly/music-genre-recognition-project

- Used classification estimators including KNN, Decision Trees, and Random Forest to determine the genre of any given song based on lyrical data.

Spelling Coach | chrome.google.com/webstore/detail/spelling-coach

- Developed and published a Chrome extension to the Google Web Store that gives users the ability to practice spelling words they misspell often.

EDUCATION

B.S Computer Science, California State University, Monterey Bay

June 2023

- Graduated Summa Cum Laude (3.9 Overall GPA, 4.0 Major GPA).
- Worked while attending school, graduating having gained two years of full-time professional experience.

A.S Computer Science, Santa Monica College

June 2021

- Graduated with Highest Honors (4.0 GPA).