

# Caitlin Phomsopha

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## SUMMARY

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Highly motivated individual with a strong foundation in full-stack web development, data analysis, and software project management. Demonstrated ability to deliver results through analytical thinking and effective problem-solving. I am eager to leverage these skills to contribute to dynamic teams and tackle complex challenges in the professional world.

## SKILLS

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**Relevant Coursework:** Data Analysis, Software Development, Operating Systems, Algorithms, Object-oriented Programming, Data Structures, UX Fundamentals

**Programming Languages:** Java, C#, C/C++, Python, PHP, Swift, ReactJS, Javascript, SQL, HTML/CSS

**Applications:** Tableau, Jupyter Notebook, Figma, JIRA, Git repo, Adobe Photoshop, RESTful API, Microsoft Office Suite

**OS:** Windows, Linux

**Cloud:** Amazon Web Service (AWS)

## PROJECTS

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### EXPLORATORY DATA ANALYSIS OF YELP

- In this project, I conducted an exploratory data analysis (EDA) of Yelp's public dataset to gain valuable insights into restaurant locations and review density. The primary objectives were to visualize restaurant distribution and review trends, effectively utilizing tools such as Tableau and SQL.

### ABSOLUTE MEDIA INC. DATABASE SYSTEM

- Developed a database-driven website utilizing Java, Flask, and Python for backend functionality, while employing ReactJS, HTML5, and CSS3 for the frontend. SQL was employed for the database, and the website was hosted on AWS. Application automated the versioning system to ensure the software remained compatible with the current operating system. Involved in writing technical documents for project structure.

## WORK EXPERIENCE

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### Vienna Skin Clinic

San Jose, CA

Cloud/DevOps Engineer

Jan 2023 - Present

- Leveraged AWS DataBrew and Quicksight to generate in-depth reports for analyzing Vienna Skin Clinic's e-commerce website, providing valuable insights into skincare product sales and customer behavior.
- Transitioned the company's website from proprietary web hosting to AWS using s3, route 53, and Go-Daddy domain service, resulting in over 90% savings
- Implemented and managed AWS resources efficiently using CloudFormation templates, ensuring consistent and scalable infrastructure deployment.
- Collaborated with interdisciplinary teams to establish automated CI/CD pipelines, expediting the release of skin care products and improving overall business agility.

### Golden State Realty & Mortgage

Sacramento, CA

IT Help Desk Support Agent

Sept 2020 – Sep 2022

- Served as the initial point of contact for end-users encountering technical challenges, providing timely assistance and resolutions for computer systems, hardware, and software issues.
- Developed an ETL (Extract, Transform, Load) script using Python and Jupyter Notebook to automate the consolidation of the company's short-term investments and year-end data. This data was subsequently integrated into the company's tax software, streamlining financial reporting processes.
- Administered and granted users access to Microsoft tools, ensuring seamless functionality, and promptly addressed any associated technical problems.

## EDUCATION

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### SACRAMENTO STATE UNIVERSITY

Bachelor of Science, Computer Science

Sacramento, CA

Dec 2022