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OJAS UPADHYE

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Github

WORK EXPERIENCE

Software Engineer, Intern   **HealthLevel Inc.**   **June 2022-September 2022**

- Worked on converting frontend code for several existing platform features to use the company's new custom frontend framework.
- Implemented a log management system to centralize, index, and query log data generated on multiple separate servers to improve overall turnaround time for resolving platform issues.

Software Engineer, Intern   **HealthLevel Inc.**   **June 2021-August 2021**

- Architected a custom utility for logging and communicating issues of different urgency levels in platform's Python layer to facilitate debugging and improve response time for addressing bugs.
- Developed interactive user features for the platform to improve overall user experience.
- Worked on making the platform's data access layer more elegant by porting existing data layers to a more efficient data layer architecture.

EDUCATION

Santa Cruz, CA   **University of California, Santa Cruz**   **September 2019-June 2023**

B.S in Computer Science. GPA: 3.74

Coursework: Data Structures and Algorithms, Analysis of Algorithms, Software Engineering, Probability Theory, Operating Systems, Computational Models, Machine learning, Applied Machine learning, Programming Abstractions in Python, Computer Systems, Graph Theory, Computer Vision

TECHNICAL EXPERIENCE

Projects

- **Text File Compressor:** A program that uses the LZ-78 compression algorithm to compress text files.
- **Social Stock Analyzer:** A full-stack web application that gives people in the trading community a dedicated platform to gauge and communicate sentiment toward different stocks.

Languages, Technologies, and Frameworks

- Python; C++; C; Java; Javascript
- Visual Studio; Bazel, Git, Linux, PostgreSQL, AWS, Elasticsearch
- Flask, React, Streamlit