

KEVIN PITZER

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Creative and determined software engineer with proven experience across the full stack. Seeks to use the latest tech to construct elegant user experiences. Analytical problem solver with previous success as a structural engineer.

EXPERIENCE

Software Engineer, *Whiterock AI*

Aug 2021 - Present

- Developed an integrated customer SaaS mapping 800k data points from MongoDB using D3js.
- Managed product deployment using Kubernetes and Google Cloud Platform (GCP). Leveraged containerization and command line tools to manage image versions.
- Led website upgrades to modern React frontend framework with Webpack and Docker. Improved page loading speed by 50%.
- Planned and deployed customer payment processing across the full stack combining PostgreSQL and 3rd party APIs.

Professional Golfer and Outside Services Lead, *Kokopelli Golf Course*

July 2017 - July 2020

- Designed and implemented a personal performance plan to track physical and mental progress.
- Led team of outside service workers to ensure proper maintenance of operation equipment.
- Trained 6 new team members on proper safety, procedures, and managing increased seasonal workloads.

Design Engineer, *SidePlate Systems, Inc.*

June 2013 - July 2017

- Designed, coordinated, and scheduled 30 projects from contract to building completion.
- Performed engineering modeling on 6M square feet. Lowered steel cost to builders by 10%.
- Created structural plans for 30 submissions to city building authorities throughout the US using engineering drawing software.

PROJECTS

Whiterock Market Tracker

- A React, Flask, and MongoDB based platform to track real estate and data in NYC.
- Utilized location specific solutions for seamless mapping of 100k locations using Leaflet and Mapbox.
- Managed React state for users to quickly filter down 800k data points.
- Developed RESTful API in Python to allow frontend access of MongoDB data.

Golfhub

- A Python and Flask based site for golfers to track their stats over time and find golf courses.
- Integrated Google Maps API allowing users to view golf course locations in a satellite view.
- Utilized React components to create a template for easy score entry, enhancing usability of the application by providing a table of course data from where a user played.
- Incorporated Redux store for efficient rendering custom graphs allowing users to track their progress over time.

EDUCATION

AppAcademy - A rigorous 1000-hour full-stack web development course that teaches: Python, SQL, JavaScript, React, TDD, algorithms, design patterns, and programming best practices, 2021

California Polytechnic State University, San Luis Obispo - *BS Architectural Engineering*, 2014

SKILLS

JavaScript, Python, Flask, Node.js, Sequelize, React, SQL, Git, HTML5, CSS3, Bootstrap, D3js, Docker, PostgreSQL, MongoDB, Kubernetes, Webpack, Google Cloud Platform