

Mark Gerken

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Full Stack Software Developer

A Software Engineer with a background in Administrative Management, Program Development, and Facilitation. My insatiable curiosity keeps me seeking out puzzles, problems, and challenges that force me to find solutions through creativity, critical thinking, perseverance, and collaboration. The speed of evolution in the tech industry excites me, and my passion for knowledge motivates me to adapt my skill-set to match the demands of the industry.

Technical Skills

HTML | CSS | Javascript | React | MongoDB | Express | Node | Python | Django | Postgresql
AWS | JQuery | Bootstrap | SQL | Mongoose | Liquid | EJS | Git | Canvas API | Django Rest Framework

Technical Project Experience

Basecamp

- Provides Boulder Adventure Lodge guests a way to rent gear and connect through a message board.
- Built with Python, Django, React, and Postgresql. Deployed at a-lodge-basecamp.vercel.app/

Travel Companion

- A MERN stack app that fetches hotel availability and allows users to add, edit, and delete reservations.
- Built by myself (Project Lead) and two programmers. Deployed at travel-companion-app-seir.herokuapp.com/

Coaches Corner

- A full-CRUD application that tracks your athletes' workouts and converts workouts to a rock-climbing grade.
- Built with Node.js, Express, MongoDB, and Liquid templates. Deployed at coachescorner.herokuapp.com/

Trucker

- A 2D game consisting of three levels, each offering different layouts and gameplay mechanics.
- Built with Vanilla Javascript and HTML Canvas. Deployed at mgerken86.github.io/Trucker-The-Anti-Frogger/

Relevant Experience

Boulder Adventure Lodge | *Assistant General Manager, Program Director* | Boulder, CO Oct 2016 - May 2022

- Supervised daily operations and sales functions to maximize revenue, customer satisfaction and employee productivity. Assisted in increasing annual revenue from \$850k to \$1.3 million.
- Implemented and trained employees in new management softwares, Asana and Cloudbeds.
- Handled customer and staff complaints, provided solutions and alternatives within appropriate timeframes, and followed up to achieve resolution. Increased Booking.com average reviews-score from 8.1 to 8.8 / 10.
- Developed an Outdoor Recreational Guide program from ground up. Created program frameworks, established marketing, and facilitated programs as Lead Guide. Generated \$32k in profit with 100% positive reviews.
- Identified program risks and developed mitigation plans. Maintained all relevant records and obtained required insurance and permits through local partnerships. Held a perfect record of zero incidents or near-misses.

Philadelphia Outward Bound School | *Lead Instructor* | Philadelphia, PA Mar 2013 - Apr 2017

- Facilitated overnight expeditions for groups of 8 to 16 participants ranging from adjudicated youth, veterans, trauma victims, and inner-city teens. Led single-day programs for professional groups.
- Ensured safety of participants in backcountry settings while facilitating adventure sports in dangerous environments. Maintained a 100% graduation rate for all participants with zero injuries requiring evacuations.

Education

Software Engineering Immersive | General Assembly | Remote Aug 2022

Bachelor of Science in Recreation, Parks, and Tourism Resources | West Virginia University | Morgantown, WV Dec 2012