Alec Dieken

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Summary

Software Engineer with 3 years of full-stack experience in web development and software design. Proficient in Python and JavaScript, with expertise in Flask, React, and Database Engineering. Passionate about delivering high-quality software and continuously enhancing skills. Seeking a Software Engineer role.

Skills

Python, JavaScript, HTML, HTML5, CSS, SQL, React, Redux, Node.js, Flask, Git, GitHub, CI/CD, RESTful API, jQuery, Front-End Engineering, Back-End Engineering, Full-Stack Development, MongoDB, Docker

Projects

https://projectbeast.io/ – ProjectBeast.io is a Flask-based project management tool facilitating effective collaboration with hierarchical user roles and groups, and live chat. It stores data using a PostgreSQL database and offers a chat feature via Socket.IO web sockets.

StockFeeler – StockFeeler, built with Next.JS, Express, MongoDB, and Node, offers users a platform for practicing stock trading decisions and comparing prediction skills. It sources stock data from the Polygon.IO API. Server-side tasks, including stock data updates, news refresh, score adjustments, and prediction averaging, are automated using Node-CRON.

Hack-or-Snooze – JS-based content sharing. User-friendly interface for browsing, posting, and curating links. Streamlines user experience by enabling favoriting and content management. Allows user authentication through the hack-or-snooze API. Built with vanilla JS, Axios, and jQuery.

Jobly – Backend Express-based job search platform, simplifies finding and applying for jobs. Users can create accounts, search for jobs based on interests, and apply directly through the website. Provides straightforward and efficient job search experience.

Work History

Software Engineering Fellow at Springboard *– Remote*
- 700+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 4 in-depth portfolio projects.
- Mastered skills in multiple programming languages, front-end web development, back-end web development, databases, testing, engineering principles, version control systems, and data structures and algorithms.
- Familiarized with the latest web technologies, industry trends, and best practices.
- Developed very strong analytical, problem-solving, and communication skills.

Dog Behaviorist at KoruK9 *– Bay Area, CA – August 2021*
Senior Dog Trainer at Happy Hound Play & Daycare *– Oakland, CA – March 2020 to August 2021*
Insurance Adjuster at Alacrity Solutions *– USA – February 2017 to November 2019*

Education

Indiana University, Bloomington
Undergrad courses leading to a B.S. in Computer Science

Certifications

Software Engineer Track, Springboard *- September 2022 – October 2023*
AlgoExpert Certificate of Completion *- March 2023*