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Mikhail Tabachek | Full Stack Software Engineer

Skills:

Languages - JavaScript, Python, HTML, CSS

Libraries and Frameworks - React, Node.js, Express.js, Jinja, Flask

Database - MongoDB, Mongoose, SQL

Other - RESTful Routing JSON

Software Development Projects

January 2022 - PRESENT

kerJoe - Full-stack web application to write and read jokes. [kerJoe](#)

- Made with Python in Flask.
- All data stored in SQL database.
- Implemented unique CSS features to entertain users.

Mountain JAM - Full-stack web application for people that like hiking and visiting mountains. Users are allowed to add mountains to the website and add pictures. This will help them to track mountains that they've visited and plan to visit. [Mountain JAM](#)

- De-coupled application that was built with JavaScript in React.
- Over 4000 Mountains added to the database using API seeding method.
- Front and back end deployed separately and linked to each other using Heroku.

Like my ride - Full-stack application for car enthusiasts. [Like My Ride](#)

- Developed with Express, MongoDB, Node.js in order to create, read, update, delete (CRUD) cars.
- Utilized Mongoose to define schemas for MongoDB collections.
- Implemented ES6 tagged template literals with Styled-Components along CSS3 to provide style and flexbox layout.

The Game of Fifteen - A desktop web puzzle game, where the player has to move squares on a gaming board to get 15 numbers in order. [The Game of Fifteen](#)

- Created an application with a mobile-friendly approach and styled using CSS3 with flexbox and grid layouts. Game logic and styling was done within a 3 day development sprint.
- Utilized JavaScript to build game logic and manipulate DOM. As a result, the app runs fast and has intuitive user experience.
- Dynamic rendering applied when user changes difficulty.

Professional Experience

Network Engineer | Nex5 | NYC

(03/2013)-(05/2016)

- Planned transition to cloud services for the clients to prevent data loss on local machines.
- Organized server rooms to minimize troubleshooting time while on site.
- Implemented new tools like Kaseya, to troubleshoot software and hardware issues on users' machines. This helped to minimize downtime for users during work hours.

CEO | Starkli Fit Water | NYC

(05/2016)-(01/2018)

- Collaborated with PowerBrands Lab to create a formula for a fitness drink. Deep research helped us to make a product using only natural and organic ingredients. Sold product in 50+ locations after 1 year of operations.
- Raised \$170K from investors and family in less than 6 months.
- Organically moved the product to top of the search list in Google. Promoted a product at Nationwide Fitness events.
- Established strong partnership with distributor that has access to more than 1000 locations.

Owner - operator | VR Adventure | Brooklyn, NY

(09/2018)-(03/2020)

- Designed a brand logo and on-site appearance inside the Mall. This decreased client acquisition costs and increased sales by 50% in 12 months.
- Ordered and controlled process of importing equipment from China. This process made a positive impact on my skills in logistics and international business relationship.
- Setup and configured payment system for cashless transactions. Installed and tested equipment on site within a 12 hour window.
- Hired and trained new employees. Created a bonus system based on the amount of sessions that customers had. On busy days workers earned at least 50% more on top of their hourly wage.

EDUCATION

General Assembly | Remote

April 2022

Software Engineering Immersive

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

"Parasat Academy" | Almaty, Kazakhstan

May 2011

Economics and Accounting