

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. [kerJoe](#)

- Developed with Python, Flask, PostgreSQL, Jinja
- Implemented a SQL database using Flask and PostgreSQL with a one-to-many schema design.
- Created a responsive user experience with full CRUD capability with the ability for users to update their data directly.
- Designed the UX/UI, leveraging CSS and flexbox for a clean and responsive design.

Mountain JAM - Full-stack web application. [Mountain JAM](#)

- Developed a de-coupled application with JavaScript, React, Express.js,, MongoDB, Mongoose, Node.js (MEN Stack). Users can create, edit and delete their mountains.
- Utilized API seeding method to add over 4000 Mountains to the database and made them accessible to all users.
- Created a Front and back end separately for better security purposes 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