

## Mikhail Tabachek | Full Stack Software Engineer

### Skills:

**Languages** - JavaScript, Python, HTML, CSS

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

**Database** - MongoDB, Mongoose, SQL

**Other** - RESTful Routing, JSON

### Software Development Projects

January 2022 - PRESENT

**Car Care** - E-commerce website with integrated Stripe payment system. [Car Care](#)

- E-commerce website developed in React using Next.js.
- Optimized to easily add/remove products through the Sanity platform.

**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.

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

- Developed a decoupled 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 the user changes difficulty.

### Professional Experience

**Network Engineer | Nex5/Helix | NYC**

(03/2013)-(05/2016)

- Maintained and built 1 page websites for clients using WordPress.
- 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)

- Created landing page using HTML, CSS and JS. Implemented PayPal as a payment system.
- 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.
- 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.
- Established strong partnership with a distributor that has access to more than 1000 locations.

**Owner - operator | VR Adventure | Brooklyn, NY**

(09/2018)-(03/2020)

- Ordered and controlled process of importing equipment from China. This process made a positive impact on my skills in logistics and international business relationships.
- Setup and configured payment system for cashless transactions. Installed and tested equipment on site within a 12 hour window.

### 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