

# Mikhail Tabachek | Full Stack Software Engineer

## Skills:

**Languages** - JavaScript, Python, HTML5, CSS3

**JavaScript Libraries and Frameworks** - ReactJS, NodeJS, NextJS, Express

**Python Libraries and Frameworks** - Flask, Jinja

**Databases** - MongoDB, Mongoose, PostgreSQL, Sanity

**Cloud** - AWS

**Other** - RESTful Routing, JSON, Bootstrap, Babel, Git, GitHub

**Cloud Application Platforms** - Heroku, Netlify

## Professional Experience

### Freelance | Self Employed

(2021 - CURRENT)

- Developing high-quality web applications for clients using the latest web technologies - JavaScript, ReactJS, NextJS.
- Maintaining existing web applications and adding new features such as customer reviews, comments and online purchasing.
- Optimizing current websites to be more responsive, functional and meet best UX practices.

### Network Engineer | Nex5/Helix | NYC

(03/2013)-(05/2016)

- Maintained and built 1 page, customer-facing websites with cross-browser compatibility using WordPress publishing platform.
- Planned transition to cloud services for the clients to prevent data loss on local machines.
- Organized server rooms to minimize troubleshooting time up to 50% 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 customer-facing website with product details, using HTML, CSS and JS. Implemented PayPal as a payment system to allow e-commerce functionality.
- 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 and signed a contract with a distributor that has access to more than 1000 locations.

## Software Development Projects

(01/2022 - PRESENT)

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

- E-commerce website with clean design, 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](#)

- Collaborated with 2 developers to work in a team. Solely responsible for UX and clean design.
- Developed a decoupled application with clean design with JavaScript, React using hooks(useEffect, useState), Express.js, MongoDB, Mongoose, Node.js (MERN Stack). Users can create, edit and delete their mountains. Also users can add mountains to their profile page gallery.
- 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 JavaScript, 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.

## EDUCATION

**General Assembly** | Remote

(04/2022)

**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 with Cross-Browser compatibility.

**"Parasat University"** | Almaty, Kazakhstan

(05/2011)

Economics and Accounting