

## Maria Melnikova

- Software Engineer -

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### Overview

I'm a Software Developer with a passion for writing scalable solutions with 100% engagement. My previous client service career helped me build a strong foundation in communication, an obsession for detail, and establishing and maintaining productive consistent working relationships with the team. I am passionate about creating tangible solutions that make an impact on those around me and love to learn and share my knowledge with others.

### Skills

- **Languages, Frameworks, and Technologies:** JavaScript (ES6), Typescript, Python, HTML, CSS, React, NPM, Node.js, Express.js, Bootstrap, EJS, JSX, REST, APIs, Axios, JWT, Command Line (CLI), Git, GitHub
- **Databases:** PostgreSQL, MongoDB, Sequelize

### Software Engineering Projects

**Trip Tracker | Full- Stack Web Application** (MERN Stack App allowing users to stay organized while traveling)- *March 2021*

**Tech:** React, JavaScript, Node.js, Express.js, Mongoose, MongoDB, Bcrypt, Axios, JWT, HTML and CSS

- Worked with a group of 4 to manage project scope, using Git collaboration to achieve a cohesive end goal
- Dynamically integrated asynchronous Axios API calls with minimization efforts to reduce latency and increase the app's speed and overall smoothness by 15%
- Enabled user login with hashed encryption, employing RESTful routing to maintain trip planning details
- Implemented an in-depth schema in Mongo

**CoffeeMe | Full- Stack Web Application** (Search for the coffeeshops and add them to your list of favorites)- *February 2021*

**Tech:** JavaScript, EJS, Sequelize, Postgres, Express.js, Node.js, API, Axios

- Coded a user login system, storing encrypted information in cookies and SQL, to allow custom user experiences based on preferences while maintaining user privacy
- Optimized pages for the loading speed under 3 sec
- Exported data from APIs to SQL database utilizing JavaScript and EJS to render searched coffeeshops to maximize readability and overall usability
- Implemented the entire site through Sequelize, following full RESTful routing, giving the user access to full CRUD functionality on the site

**Guess Where | Front-End Web Game** (Challenge yourself to see if you can guess where the item is hidden)- *February 2021*

**Tech:** Javascript, HTML, CSS(Flexbox) and DOM manipulation

- Developed an interactive gaming application in one week with functional JavaScript logic that allows a user to guess on its attributes against a computer opponent
- Built unique Front-end web applications Javascript functionality to keep track of user's level, attempts, items to guess that is based on real value

### Professional Experience

**Patient Care Coordinator | Advanced Foot and Ankle Clinic** (02/2020 – 01/2021 Bellevue, United States)

Critically analyzed and reviewed annual patient charts to ensure 100% accuracy every week. Checked in and scheduled future appointments with patients. Made insurance calls to follow up on medical claims.

**Shift Manager | Gebr. Heinemann** (07/2018 – 11/2019 Yekaterinburg, Russia)

Introduced new templates for reporting documentation on revenue and sales for each shift, which saved admin staff an average of 1 hour per day. Supervised and trained staff of 10-15 employees, enabling them to improve soft skills, achieve daily objectives and deliver high-quality services.

### Education

**General Assembly, Software Engineering Immersive** (01/2021 – 04/2021 Seattle, WA)

Software Engineering Immersive student in a rigorous, 12-week, 450+ hour program aimed at building technology industry skills for the development of consistent full-stack and Front-end web applications with JavaScript, React, Express, Node, and SQL as well as proving an in-depth understanding of Software Development best practices and technologies, computer science fundamentals, algorithms and data structures through project development (collaboration with the team and solo).

**Bachelor's degree** (09/2014 – 08/2018 Yekaterinburg, Russia)

*Ural State Pedagogical University*

Field of study - International Relations and Affairs.

Diploma with Honors

### **Volunteer experience**

#### **WomenTech Ambassador & Influencer** (March 2021 to Present)

Develop leadership skills and expand the network participating in events. Take initiative and constantly invite talented women to the community.

#### **FIFA World Cup 2018** (Russia)

Organized an entertainment program which helped to involve more fans by 35%. Communicated effectively with volunteers' team of 100-110 people.

### **Spoken Languages:**

- English (fluent)
- Russian (native)