Mariia Melnikova

- Software Engineer-

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Overview

I'm a Software Engineer with a unique background in customer service and collaborative work experience, which sharpened my leadership and management skills, especially in high-stress situations, and helped to establish and maintain productive consistent working relationships with the team. I am a solutions-driven developer with a vision of big picture and a sharp, analytical mindset who is highly motivated by challenge and always looking to grow and continue adding frameworks and technologies to my toolbelt, as well as enthusiastically grabbing onto any opportunities to bring me closer to my dreams within the coding world.

Skills

- **Languages, Frameworks, and Technologies:** JavaScript (ES6), Typescript, Python, HTML, CSS, Sass, React, NPM, Yarn, Node.js, Express.js, Bootstrap, EJS, JSX, HTTP, REST, APIs, JWT, Command Line (CLI), Jira, Git, GitHub, GitLab
- **Databases:** PostgreSQL, MongoDB, Sequelize
- **Soft skills & Leadership:** Excellent communication skills, positive team collaboration, attention to detail with the complex vision of big picture, ability to prioritize, compliance with time management, focus on results, critical thinking, emotional stability, self-starter, and fast learner
- **Spoken languages:** English (fluent), Russian (native)

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 perform a full-stack app and manage project scope, using Git collaboration & Agile approach
- 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

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
- 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 | Frontend 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 in one week with functional JavaScript logic that allows a user to guess its attributes against a computer opponent
- Built unique Frontend web applications JavaScript functionality to keep track of user's level, attempts, items to guess that is based on real value

Professional Experience

Software Engineer Intern | *Epam Systems (09/2021 – 11/2021)*
Work side-by-side with the development team completing Jira tickets for an internal Epams product, developing new features, troubleshooting issues and bugs raising by the product team.
The training experience allowing to be introduced to Epams' culture and how Agile & Scrum methodologies are used for managing product development.

Frontend Software Engineer | *Freelance (05/2021 – 09/2021*)
Design and develop HTML, CSS, JS, React.js for a variety of microsites and landing pages.
Use Ajax Requests, REST API for obtaining data which was in JSON format.

Education

Harvard University, CS50's Introduction to Computer Science (05/2021 – 08/2021)
A broad and robust understanding of computer science, programming, and security. How to think algorithmically and solve programming problems efficiently. Related Software Development studies in Scratch, C, Arrays, Algorithms, Memory, Data Structures, Python, SQL, HTML, CSS, and JavaScript.

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, testing, and debugging of consistent full-stack and Frontend web applications with JavaScript, React, Express,

Node, and SQL as well as proving an in-depth understanding of Software Development best practices and technologies, OOP, computer science fundamentals, algorithms, and data structures through project development (team collaboration & solo).

Bachelor's degree (09/2014 – 08/2018 Yekaterinburg, Russia)
Ural State Pedagogical University
Field of study - International Relations and Affairs. **GPA** 4.0

Leadership skills and Volunteer experience

WomenTech Ambassador & Influencer (March 2021 – Present)
Develop leadership skills and expand the network participating in events. Take initiative and constantly invite talented women to the Software Development community all over the world.

FIFA World Cup 2018 (Russia)
Organized an entertainment program which helped to involve more fans. Effectively collaborated with volunteers' team over 100 people.