Mohamad Abo Alnaser

Junior Frontend Developer | React, JavaScript

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About

I'm an enthusiastic **Computer Science student and Frontend developer** who excels in using object oriented programming and frontend development. Possess excellent skills and strong attention to detail with the ability to work in a team.

Currently seeking an entry-level position of Frontend Developer in a company to use my skills in coding, troubleshooting complex problems and assisting in the timely completion of projects.

Education

MIPT - Moscow Institute Of Physics And Technology

2018 - 2022

- Bachelor of Applied Mathematics and Computer Science.
- Courseworks in JavaScript, Python/Flask, C++, Java, Databases and MatLab.
- GPA: 4.34/5.0

Work experience

Industrial practice | ATP MIPT

Frontend development with *React, JavaScript, HTML5/CSS3*

09/2021 - 01/2022

- During my practice, I took part in the following projects:

1. A project to develop a web application for calculating expenses for every month of the year:
Link to Github: github.com/LordHomie/ex...
-Developing the interface of the project with React.
-Creating independent and reusable components.
-Implementation of best development practices.
-Creating functions which add expenses based on the date.
-Applying a cross-browser responsive design.
-Code versioning in Github.
-Launch and deployment of the site to Github Pages.
-React-Hooks, CSS animations, CSS modules.

Main achievements:
-Developed a bar chart that displays expenses, which made it possible to visualize and compare expenses over the months.
-Developed reusable components, which saved time on writing code by 2 times.

Work experience

Industrial practice | ATP MIPT

Frontend development with
React, JavaScript, HTML5/CSS3

09/2021 - 01/2022

2. A project to develop a food-menu web application:
Link to Github: github.com/LordHomie/fo...
-Developing the interface of the project with React.
-Creating independent and reusable components.
-Creating functions for adding, removing items from the cart and calculating the final cost.
-Optimizing the performance of the web application.
-Implementation of best development practices.
-Applying a cross-browser responsive design.
-Code versioning in Github.
-Launch and deployment of the site to Github Pages.
-React-Hooks, Context API, CSS animations, CSS modules.

Main achievements:
-Used the Context API to pass data over multiple components without having to transfer data through props manually, which led to writing more simplified code.
-Developed reusable components, which saved time on writing code by 2 times.

3. A project to develop a multi-page online-portfolio web application using React-Router:
Link to Github: github.com/LordHomie/Lo...
-Developing the interface of the project with React.
-Developing a contact form that sends messages to an email using API.
-Optimizing the performance of the web application.
-Implementation of best development practices.
-Applying a cross-browser responsive design.
-Code versioning in Github.
-Launch and deployment of the site to Github Pages.
-React-Router, React-Hooks, Context API, CSS animations, CSS modules.

Main achievements:
-Developed reusable components, which saved time on writing code by 2 times.
-Optimized the components, which led to improve the performance.
-Used the Context API to pass data over multiple components without having to transfer data through props manually, which led to writing more simplified code.

Industrial practice | ATP MIPT

Software development with
Python/Flask

09/2020 - 12/2020

● Participated in a project to create a social-network web application for university students:
Link to Github: github.com/LordHomie/Ph...
-Implementation of best development practices.
-Creating a registration form that verifies authorization from a database.
-Creating functions for adding user posts to the feed page.
-Interacting with the front end developer in terms of backend integration with frontend.
-Code versioning in Github.
-Launching and deploying the site with Docker.

Main achievements:
-Developed functions for searching for other users, which made it possible to find them quickly with the ability of adding them as friends.
-Developed a chat with WebSocket, which allowed sending and receiving messages between users in real time.

Work experience

Industrial practice | ATP MIPT
OOP with *Python/Flask*
02/2020 - 05/2020

- Participated in a project to create a web application for selling tickets to concerts and events:
-Implementation of the principles of OOP.
-Creating a registration form that verifies authorization from a database.
-Creating functions for adding and displaying events on the main page.
-Interacting with the front end developer in terms of backend integration with frontend.
-Code versioning in Github.

Main achievements:
-Developed functions for searching for events, which made it possible to find them quickly with the ability to add them to the cart for further purchase.

Industrial practice | ATP MIPT
C++/Qt development
10/2019 - 12/2019

- Participated in a project to create a desktop application for learning new words in foreign languages:
Link to Github: github.com/LordHomie/QU...
-Implementation of the principles of OOP.
-Creating the application interface.
-Creating functions for writing new words to a file, deleting and editing them.
-Code versioning in Github.

Main achievements:
-Developed algorithms that improved the process of learning new words in foreign languages.

Professional Skills

JavaScript (ES6+)	React	HTML5/CSS3
Bootstrap	Responsive design	BEM methodology
REST API	Python/Flask	C++
Java	Databases	Version Control(Github)
Docker		

Courses

2022	**React - The Complete Guide (incl Hooks, React Router, Redux) (Udemy)**
2021	**The Web Developer Bootcamp (Modern JavaScript, HTML5/CSS3, DOM) (Udemy)**
2020	**Obtaining Modern C++ Object-Oriented Programming (OOP) (Udemy)**

Languages

Arabic	Native	English	Fluent	Russian	Fluent