ADILET BAIMYRZA

Front-end Developer and UX/UI Designer

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TECHNICAL SKILLS

Languages: HTML5, CSS3, SCSS/Sass, TypeScript, JavaScript, Python, SQL, JSON/XML, Markdown.
Technologies: React, Redux, Gatsby, Flask, RESTful APIs, GraphQL, Webpack, Vite, Bootstrap.
Tools: Git, GitHub, npm/yarn, VS code, Trello, Adobe Photoshop, Figma, ESlint, Tailwind CSS, Material UI.

EDUCATION

University of Lodz, Bachelor of Computer Science   **Expected Graduation - October 2024**

Programming Coursework: Object-Oriented Programming, Advanced Algorithms, Web Applications, Software Engineering, SQL Databases, Architecture of Computer Systems, Programming and Data Structures, Mathematical Analysis, Methods of Probability and Statistics, Introduction to Java, Microcontrollers Programming.

PROJECT EXPERIENCE

Dijkstra's & Prim's Algorithms Visualizer.   **Team Lead & Front-end Developer & UX/UI Designer**

Team Project (ReactJS, ContextAPI, D3.js, SCSS, GitHub Pages)   (GitHub)   (Live)

- Developed and designed a visualization dashboard using the ReactJS framework and the D3.js library, allowing users to create, observe, and learn how Prim's and Dijkstra's algorithms work under the hood.
- Made the application highly customizable by introducing filtering, graph saving and graph drawing/dragging features with the help of D3.js library, which was used for SVG objects manipulation.
- Ensured smooth user experience by implementing the logic of error handling notification modals and algorithm animations using asynchronous solutions and CSS keyframes.
- Led a team and collaborated with two other engineers using the Scrum Agile Methodology. Organized Zoom meetings and communicated with the professor about the progress over a 5-week period.

Earthquake Data Visualization.   **Front-end Developer & UX/UI Designer**

Personal Project (ReactJS, ChartJS, PlotlyJS, Netlify)   (GitHub)   (Live)

- Developed a visualization dashboard with the ReactJS framework using ChartJS and PlotlyJS libraries, which allows users to observe and analyze more than 8000 major earthquakes recorded from 1960 till 2023.
- Integrated a dark-themed custom map from Mapbox to the application and implemented brushing and filtering features that allow users to highlight specific areas within the map for better analysis.
- Cleaned and preprocessed data obtained from US Geological Survey using Pandas and Numpy libraries to ensure consistent and reliable dataset for data visualization.
- Recognized by the Plotly.com team as the "App of the Month" for its exceptional integration of PlotlyJS features into the application and was featured among the memorable examples in the Geospatial Category on Plotly.com.

Amazon.com Homepage Clone.   **Front-end Developer & UX/UI Designer**

Personal Project (ReactJS, Redux, Tailwind CSS, Netlify)   (GitHub)   (Live)

- Designed and implemented Amazon.com clone using ReactJS and tailwind CSS that exactly matches the design and the layout of the original website with all of its main features.
- Implemented filtering among products by category, searching of products by title, and adding-to-cart features with the help of the Redux tool for the state management across the application.
- Implemented automatic swiping functionality for carousel objects in the user interface and utilized Tailwind CSS to ensure the minimal and clean styles structure.
- Created a mock database using a JavaScript file to simulate real-world database interactions. Implemented API call function that fetched data from these mock files, enabling the application's main features.

CERTIFICATES & AWARDS

- Lyft Back-End Engineering Virtual Experience Program (Python) - *Forage.com*   (Certificate)
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert - *Udemy.com*   (Certificate)
- Web Developer Bootcamp with Flask and Python - *Udemy.com*   (Certificate)
- Winner of ZOO CHALLENGE in Collabothon 2022 (**Hackathon**) - *Commerzbank AG*   (Certificate)
- Winner of AUDIENCE AWARD in Collabothon 2023 (**Hackathon**) - *Commerzbank AG*   (Certificate)