



Hera Sadikaj

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🐙 **GitHub**: <https://github.com/herasadikaj>

Gender: Female **Date of birth**: 21/04/2002 **Nationality**: Albanian

ABOUT ME

Enthusiastic Computer Science graduate with a solid understanding of programming, algorithms, and data structures. Experienced in JavaScript, Java, and PHP, with practical project work in web development and data analysis. Strong problem-solving abilities and a passion for learning new technologies.

PROJECTS

Notes App

Developed a user-friendly React Notes App with secure login and registration functionality. Utilized React hooks (useState and useEffect) for managing state and side effects. Key features include:

- **Login & Registration**: Secure account creation with password encryption and login functionality.
- **Local Storage Integration**: Stores user credentials and notes in local storage for data persistence across sessions. Notes can be added, deleted, and edited, with changes reflected in local storage.
- **Notes Management**: Users can view, manage, and edit notes after logging in. Deleting notes also removes them from local storage.
- **Secure Logout**: Clears all user data, including login credentials and notes, from local storage upon logout to ensure privacy.
- **Encryption**: Utilizes password encryption to protect user credentials during registration.
- **Page Routing**: Implemented React Router for smooth navigation between login, registration, and notes management pages.
- **Stylization**: Applied CSS for modern and responsive design, ensuring an aesthetically pleasing and user-friendly interface.

Link: <https://github.com/herasadikaj/notes-react>

Products App

Developed a responsive product management UI using React.js, CSS, and React Router. Utilized React hooks (useState and useEffect) for managing state and handling side effects related to product data and form inputs. Key features include:

- **Mass Delete**: Enabled removal of selected products using checkboxes.
- **Add Product**: Provided a form for inputting product details, with Save and Cancel buttons for managing new entries.
- **Product Listing**: Displayed products with SKU, name, price, and special attributes on the primary page.
- **Local Storage**: Used local storage for persistent data management, ensuring products are efficiently added, deleted, and retained across sessions.

- Page Routing: Implemented React Router for smooth navigation between the product list and add product pages.
- Stylization: Applied CSS for a modern and responsive design, ensuring a seamless and user-friendly interface.

Link: <https://github.com/herasadikaj/scandi>

PetStore App

Developed a responsive pet store UI using React.js, Tailwind CSS, and React Router. Leveraged React hooks (useState and useEffect) for managing state and handling side effects, such as modal visibility and search functionality. Key features include:

- Mass Delete: Enabled removal of selected items using checkboxes.
- Search Functionality: Integrated a search bar for filtering products by name.
- Multi-Section Homepage: Designed sections for About Us, Transport, Contact Us, and Animals Gallery, with smooth navigation between them.
- Interactive Modals: Provided detailed information through modals triggered by user interactions.
- Local Storage: Persisted user search preferences and modal states across sessions.
- Page Routing: Implemented React Router for seamless navigation between the homepage and detailed sections.
- Stylization: Applied CSS for a modern, responsive design, ensuring optimal performance and a user-friendly experience.
- Mui componets: Applied Mui components for popups.

Link: <https://github.com/herasadikaj/petShop-react>

Todo List

Developed a dynamic to-do list application using React with API integration for seamless CRUD operations. Leveraged React hooks (useState and useEffect) for efficient state management and API calls. Key features include:

- Add Todo: Implemented functionality to create and persist new to-dos via API requests.
- Edit Todo: Enabled in-place editing of existing to-dos with immediate updates to the backend.
- Delete Todo: Integrated deletion functionality to remove tasks from the list and the database.
- Responsive Design: Designed a clean, user-friendly interface adaptable to various screen sizes.
- Real-Time Updates: Ensured smooth user experience with automatic synchronization between UI and server-side changes.

Link: <https://github.com/herasadikaj/to-do-list>

WORK EXPERIENCE

[07/08/2024 – 07/09/2024]

Internship

TechBeez

City: Tirane | **Country:** Albania

During my one-month front-end internship, I gained hands-on experience with React and Next.js, two powerful frameworks for building modern web applications. I learned how to create dynamic, component-based user interfaces with React, manage state effectively, and integrate API calls. With Next.js, I explored server-side rendering, routing, and

optimizing page performance. This internship enhanced my understanding of front-end development, enabling me to build responsive and efficient web applications.

[07/10/2024 – 07/12/2024]

Bootcamp

TeamSystem

City: Tirane | **Country:** Albania

Completed an intensive 2-month training program focused on React.js, covering core concepts and advanced techniques. Gained hands-on experience with React Hooks, including useState, useEffect, and useContext, for efficient state management and handling side effects.

Mastered React Router for implementing dynamic routing and seamless navigation between pages. Explored Context API for global state management, ensuring scalable and maintainable application architecture.

Developed a strong understanding of GraphQL, including crafting queries and mutations to optimize data fetching and manipulation. Practiced integrating RESTful APIs into React applications, handling asynchronous operations, and ensuring smooth communication between the frontend and backend.

The training emphasized building dynamic, responsive, and user-friendly interfaces with modern best practices, preparing for real-world React development challenges.

EDUCATION AND TRAINING

[18/10/2021 – 12/07/2024]

Bachelor for Computer Science

Faculty of Natural Science | <https://fshn.edu.al/>

City: Tirane | **Country:** Albania |

LANGUAGE SKILLS

Mother tongue(s): Albanian **Other language(s):** English , German

CERTIFICATES

[24/12/2023 – 24/05/2024]

Data Science Level I and Technology Professional Development

Completed foundational training in Data Science, focusing on core concepts such as data analysis, statistical methods, and basic machine learning techniques. Gained hands-on experience with data manipulation, visualization tools, and introductory algorithms to interpret and leverage data for decision-making.

Technology Professional Development

Participated in a professional development program aimed at enhancing technical skills and industry knowledge. Covered a range of topics including modern development practices, emerging technologies, and best practices for efficient coding and project management.

Links: <https://github.com/herasadikaj/snake-game> | https://drive.google.com/file/d/1FlwwZhhBfz2PTS5kMSrNzaL1QCmzpYvZ/view?usp=drive_link

SKILLS

TECHNICAL SKILLS

Programming languages

Basic knowledge in:

- C
- C++

- Java
- PHP

Web Development

I have worked with:

- React
- Next.js
- Bootstrap
- CCS
- TailWindCSS
- SCSS
- Figma

Database Menagment

- Proficient with **MySQL**, including database design, querying, and management.

Version Control

- Proficient in **Git** and **GitHub** for version control and collaboration across multiple projects.
- Experienced with key Git concepts such as branching, merging, pull requests, and resolving conflicts.
- Comfortable with using **Git commands** for managing repositories, committing changes, and collaborating with teams.