Sofiia Kryvushko

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TECHNICAL SKILLS

Frontend Development: • JavaScript • ES5/6 • React • Redux • HTML • CSS • DOM • Responsive Design • SASS
Backend Development: • Python • Flask • SQLAlchemy • Express • Sequelize • RESTful API Design • AWS
Relevant Skills: • GitHub • Figma • C/C++

EDUCATION

APP ACADEMY • Full Stack Web Development — Completed 11/2023

V. N. Karazin Kharkiv National University — Kharkiv, Ukraine
• *Bachelor of Computer Sciences* — *Aug. 2018 - July 2022*

Hillel IT School — *2021*
• Front End Basic • Front End Pro
Kharkiv, Ukraine

EXPERIENCE

POWTEC Frontend Developer • Remote — 07/2021 – 05/2023
- Implemented responsive design principles, delivering seamless user experiences across diverse devices.
- Produced clean, semantic HTML and CSS code, translating design concepts into polished, functional websites.
- Participated in code reviews and collaborated with senior developers to refactor and optimize existing code, enhancing app performance and reducing loading times.
- Supported the transition to a new color scheme and typography as part of the app's rebranding initiative, ensuring consistency in the visual language and alignment with the new brand identity.

V. N. Karazin Kharkiv National University Markup Developer Volunteer — 09/2019 – 02/2022
- Developed and optimized user interfaces for a future students portal, ensuring intuitive navigation and responsive design, enhancing user experience for accessing schedules and academic resources.
- Implemented interactive features using modern frontend framework React, including dynamic calendars, dropdown menus, significantly improving portal functionality and student engagement.
- Ensured web accessibility and compliance with standards (HTML5, CSS3, JavaScript ES6+), enabling the portal to be user-friendly for students with disabilities and ensuring cross-browser compatibility for optimal performance.

PROJECTS

SERVICE SQUIRREL | [Github](#) | [Live](#) — *HTML/CSS • Python • Flask • React/Redux • JS*

- **Flask:**
  - Implemented models and forms using Flask to manage and process data efficiently. This included the handling of image data, ensuring consistent loading and management within the application framework.
- **SQLAlchemy** and **Relational Databases**:
  - Utilized SQLAlchemy for structured data storage in relational databases. Focused on designing and seeding databases to ensure efficient and consistent data handling, particularly for image data storage and retrieval.
- Developed a **Redux store** with thunks and **over 15 components** using **React**, **Redux**, **CSS**, and **HTML**, ensuring a seamless and responsive user experience.
- Integrated **AWS** to facilitate the storage and retrieval of review images, enhancing the platform's functionality and user engagement.
- Conducted testing throughout the development process to ensure the application's reliability, security, and optimal performance.
- Collaborated in a **distributed team** using **Git feature branches** for efficient code organization and seamless integration of contributions during the development lifecycle.

GALLERY MUSE | [Github](#) | [Live](#) — *HTML/CSS • Python • Flask • React/Redux • JS*

- Solely developed the Gallery Muse project MVPs in a **record-breaking time of 2 weeks**, managing both backend and frontend aspects.
- Established the entire frontend infrastructure, crafting a comprehensive store with actions, thunks, and reducers, while designing components. The project seamlessly integrates **Media Queries** for responsive design.
- Leveraged **React** for the frontend development of the Gallery Muse project, enhancing user interface interactivity and responsiveness. Employed React's component-based architecture for scalable and maintainable code, resulting in a dynamic and user-friendly experience.
- Utilized a tech stack comprising **Flask**, **Python**, **Redux**, and **JavaScript**, ensuring a robust and efficient architecture for the Gallery Muse project.
- Demonstrated proficiency in time management, resulting in a cohesive and well-executed solo project.

AIRSTAY | [Github](#)   *SQLite3 • JS • Express • React/Redux • HTML/CSS*

- Frontend Development:
    - Spearheaded the frontend aspect of the Airstay project, employing **JavaScrip**t and **Redux** for effective state management, which contributed to a responsive and interactive user interface.
- Backend Development:
    - Managed the backend development for the Airstay project, utilizing **Express.js** to create a robust server-side architecture that ensured reliable and efficient data handling and **API** services.
- Engineered a polished user interface with **HTML/CSS** and **Vanilla JS**.
- Handled the full development cycle, showcasing proficiency in diverse technologies, including **SQLite3** for backend data storage.
- Implemented **API testing** using **Postman** to ensure robust and reliable backend functionality..