Alexei Rusu

@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | (518)-915-5569 | Saratoga Springs, NY

As a **Full Stack Developer** with a background in choreography, I bring a unique perspective to the development process. I have a passion for integrating technical and artistic elements to create intuitive and visually engaging user experiences that *inspire and connect with people*.

Technical Competencies

Front-End: JavaScript, HTML, CSS, React, React Native, NextJS, jQuery, Bootstrap, Tailwind
Back-End: Node.js, ExpressJS, Python, Django, FastAPI, RESTful Routing, MVC, TypeScript
Databases: MongoDB, PostgreSQL, Prisma, SQL, NoSQL, GraphQL, GROQ
Tools & Methodologies: Git, Docker, Figma, Agile, Postman, CMS, Web Accessibility, ChatGPT, Prompt Engineering

Technical Experiences

WEVOLV | Full Stack Developer Intern | Remote   **Decembre 2023 - Present**
- Developed and implemented a chatbot prototype, focusing on rapid prototyping to validate core features and user interactions.
- Conducted extensive research and analysis to identify and implement optimal methods for chatbot model fine-tuning, resulting in improved response accuracy.
- Analyzed user feedback and analytics to continuously refine chatbot functionalities, aligning with business objectives and user needs.
- Adhered to UX designer specifications to meticulously construct a precise UI for the chatbot, ensuring alignment with design vision and user expectations.

Web Developer | *Lake House Bistro - Lake George, NY* | [Live](#)   **June 2023**
- Built a restaurant website with NextJS to ensure fast performance and optimized search engine visibility.
- Created a form page, and connected it to a form-managing endpoint, to allow potential employees to submit job applications.
- Integrated a headless CMS powered by Sanity.io that allows effortless content management, ensuring an up-to-date website.

Technical Projects

Green Guru | [GitHub](#) | [Live](#) | React, ChatGPT API, ExpressJS, NodeJS   **September 2022 – April 2024**
- Developed a specialized environmental chatbot using ChatGPT API for accurate responses to environmental queries.
- Added functionality to display real-time air quality index data for user's location and specific global locations.
- Implemented local storage for conversation continuity and user-friendly conversation management features.

SyntaxSoup | [GitHub](#) | [Live](#) | Next.js, Prisma, NextAuth, PostgreSQL, Tailwind, TypeScript
- Leveraged NextAuth.js for user authentication and authorization, providing strong security for the app's features.
- Implemented TypeScript throughout the codebase, ensuring type safety and reducing the risk of runtime errors.
- Designed a modern and intuitive ui for the app, using Tailwind and Next-Themes to create a responsive and appealing ux.

SupplySmart | [backend](#) | [frontend](#) | [Live](#) | React.js, Django, Python, PostgreSQL, Cloudinary, SASS
- Served the back-end of the application using Django, and the front-end with React.
- Integrated Cloudinary API in the backend, to handle image upload and save the URL in a PostgreSQL database, therefore allowing users to upload an image along with its description.

MyEvents | [backend](#) | [frontend](#) | [Live](#) | ReactJS, Node.js, Express.js, SASS, Bootstrap, MongoDB
- Build a decoupled app with a separate server and front-end, which results in better scalability and maintenance of the application.
- Collaborate with three other developers to create a MERN Stack application, in one week with full CRUD operations hitting all RESTful API calls, and testing all routes during development using Postman.
- Wireframed the UI design of the web application with Figma, and implemented it using Bootstrap.

Additional Work Experiences

Maintenance Specialist | Northern Hospitality Management | Lake George, NY   October 2020 – Present
- Utilized complex problem solving and teamwork to respond to emergency situations efficiently, maximizing guest satisfaction and minimizing disruption to resort operations, resulting in a 90% satisfaction rate from guests.
- Led and completed renovations and resolved problems involving electrical and mechanical engineering, plumbing, and carpentry, resulting in a 40% reduction in maintenance-related work orders.
- Implemented a Preventive Maintenance program, enhancing inventory management and work order processing, leading to significant improvement in the resort's operational efficiency.

Education

General Assembly | Remote   **September 2022 - April 2023**
Software Engineering Immersive | Full-stack software engineering immersive student in an intensive, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.
Academy of Music, Theatre and Fine Arts | Chisinau, Moldova

Languages: **English**(fluent), **Romanian**(native), **Russian**(fluent)