

# Alexei Rusu

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As a **Full Stack Software Engineer** 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

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JavaScript, HTML, CSS, Python, React, React Native, NextJS, ExpressJS, jQuery, Bootstrap, Tailwind, Django, FastAPI, SQL, Node.js, MongoDB, PostgreSQL, GraphQL, Prisma, NextAuth.js, RESTful Routing JSON, MVC, Node.js, TypeScript, Figma, Git, Github, API, Postman, Agile, DevTool, CMS, GROQ, Web Accessibility, NoSQL, RTL, Jest, Chai

## Technical Experiences

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**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.

**Frontend Developer | [GitHub](#) | [Deployment](#)** June 2023

*Lake House Bistro - Lake George, NY*

- 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 CMS powered by Sanity.io and GROQ that allows effortless content management, ensuring an up-to-date website .

## Technical Projects

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**SyntaxSoup | [GitHub](#) | [Deployment](#)** September 2022 – April 2023

Next.js 13, API Routes, 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 | [GitHub-backend](#) | [GitHub-frontend](#) | [Deployment](#)**

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 the item's description.

**MyEvents | [GitHub-backend](#) | [GitHub-frontend](#) | [Deployment](#)**

React.js, Node.js, Express.js, SASS, Bootstrap, MongoDB, CORS

- 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 and planned the UI design of the web application with Figma, and implemented it using SASS and Bootstrap.

**Missing Pets | | [GitHub](#) | [Deployment](#)**

Express.js, EJS, MongoDB, Mongoose, JavaScript, Node.js, Bcrypt

- Implemented user sign-in, profile creation, and social features using Session Based Auth, Bcrypt, and MongoDB database for secure authentication and database management.
- Server-rendered web app using Express and EJS, written in a modular format using MVC for easy maintenance in the future.

**Pocket-Sommelier | | [GitHub](#) | [Deployment](#) | AJAX, javascript, API, CSS, HTML**

- Integrated an API using Ajax to populate the site with dynamic data, allowing for real-time updates and improved ux.
- Built a responsive front-end by integrating css flexbox and grid, ensuring best practices across mobile and desktop.

## Additional Work Experiences

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### 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.

### Choreographer and Dancer | The SPACE Project | Chisinau, Moldova

September 2016 – January 2019

- Managed the marketing and hiring of dancers through direct client engagement and advertising, resulting in a 30% increase in client satisfaction and a 20% increase in dancer retention.
- Created and choreographed 15 stage performances for television, music videos, and other events and projects, resulting in an increase in viewership and engagement.

## Education

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### General Assembly | Remote

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)