

# Alexei Rusu | Full Stack Software Engineer

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| portfolio- work in progress

As a full-stack web developer with a background in choreography, I bring a unique perspective to the development process. My combination of technical expertise and creative vision, honed by my choreographic education, allows me to approach problem-solving and design from a holistic perspective.

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## Skills

**Languages** - JavaScript, HTML, CSS, Python. **Libraries and Frameworks** - React, NextJS, Express.js, jQuery, Bootstrap, Tailwind, Django, FastAPI, Flask. **Databases** - MongoDB, Mongoose, Cloudinary, SQL, PostgreSQL. **Other** - Node.js, RESTful Routing JSON, MVC, TypeScript, Figma, SCRUM

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## Software Development Projects

09/2022- PRESENT

**SupplySmart - React.js, Django, Python, PostgreSQL, Cloudinary, SASS:** [Live](#) | [GitHub-frontend](#) | [GitHub-backend](#)

- Served the back-end of the application using Django and Python methods and functions utilizing PostgreSQL database management.
- Integrated Cloudinary API in the backend, to handle image upload and save the URL in my PostgreSQL database, therefore allowing users, to upload an image along with the item's description.

**MyEvents - React.js, Node.js, Express.js, SASS, Bootstrap, MongoDB, Mongoose, CORS:** [Live](#) | [GitHub-frontend](#) | [GitHub-backend](#)

- Build a decoupled app with a separate server and front-end, which results in better scalability and maintenance of the application.
- Collaborated 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 application with Figma, and implemented it using SASS and Bootstrap.

**Missing Pets - Express.js, EJS, MongoDB, Mongoose, JavaScript, Node.js, Bcrypt:** [Live](#) | [GitHub](#)

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

**Pocket-Sommelier - AJAX, JavaScript, API, CSS, HTML:** [Live](#) | [GitHub](#)

- Styled app according to stakeholder requirements incorporating jQuery to manipulate the DOM, HTML, and CSS to render a responsive, appealing, and accessible user experience.
- Built a responsive frontend by integrating CSS flexbox and grid, ensuring user best practices were met across mobile and desktop devices.
- Integrated an API using AJAX to retrieve and populate the UI with dynamic data, allowing for real-time updates and improved user experience.

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## Professional Experience

07/2022-08/2022

**Lake House Bistro | Freelance-Web Developer | Lake George, NY |** [lakehousebistro.com](https://lakehousebistro.com)

- Built a static website for a local restaurant, using Vanilla JavaScript, HTML5, and CSS3 in order to make it responsive, and user-friendly.
- Created a form page, and connected the HTML to a form-managing endpoint, to allow potential employees to submit a job application.
- Ongoing development: refactoring the entire site to React.js, and integrating it with a content management system (CMS).

**Northern Hospitality Management | Maintenance Specialist | Lake George, NY**

10/2020-PRESENT

- Utilized complex problem-solving skills 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.

**Fred Astaire Dance Studios | Choreographer and Dance Teacher | Saratoga Springs, NY**

04/2019-10/2020

- Choreographed over 50 groups and partnered dances for students of all ages and experience levels, to be performed at professional events.
- Invested extra effort into upskilling and mastering The Fred Astaire official curriculum in order to prepare for examinations, certifications, and promotions.

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

09/2016-01/2019

- 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.

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## EDUCATION

**General Assembly** | Remote

04/2023

**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