

Kristine Du

Full-Stack Software Engineer

My ambitions have taken me on a journey of continued learning and growth through various industries ranging from retail construction, agile E-Commerce web and software development, and education. With 8 years of Project Management experience and an eye for intuitive product design and user experiences, I bring value to an engineering role by being resourceful, developing thoughtful and detailed solutions, and delivering on user and business expectations.

Professional Experience

Software Engineering Coach

07/2020 - Present

Flatiron School

Denver, CO / Remote

- Instruct student lessons in Ruby, Rails, JavaScript, and React fundamentals as well as GitHub, React Native, Django, and Redux, contributing to a campus NPS of 9.2.
- Provide code reviews for student assessments and help debug projects.
- Develop exercises and applications for students to practice skills using Rails API's and vanilla JavaScript.
- Mentor students and prospective students via one-on-one and professional development sessions.

Developer & Project Lead (Volunteer)

03/2020 - Present

Code for Denver

Denver, CO / Remote

- Lead project team on product development of a screening application for Expunge Colorado.
- Collaborate on codefordenver.org redesign and develop responsive sections based on Figma design mockups using HTML, CSS, SASS, JavaScript and Jekyll.

Freelance Web Developer & Project Manager

07/2019 - 07/2020

Upwork - Instigate Design

Remote

- Managed multiple client projects and organized development work in Asana for feature implementations and integrations with WordPress websites.
- Implemented frontend design changes with CSS and jQuery.
- Triaged and performed initial troubleshooting for clients' technical issues.

Technical Project Manager & Business Analyst

02/2017 - 05/2019

Fulcrum Digital Inc. / Redstage

Jersey City, NJ

- Oversaw design, development and QA activities while maintaining constant communications with client stakeholders.
- Prioritized and allocated development tasks and issues in JIRA based on customer impact and urgency using agile methodologies.
- Analyzed complex business rules and worked with software architect to solution.

Technical Projects

PICKYeats

[Demo](#) • [Frontend GitHub](#) • [Backend GitHub](#)

Tinder for restaurants: A mobile app allowing users to connect with each other in parties and assist in swiftly deciding on a place to eat.

- Implemented a delightful user experience using React Native through design wireframes and comparative analysis and research, utilizing the Yelp Fusion API to pull and display data on local places based on user location input.
- Leveraged Django's built-in authentication and Django REST Framework to build custom APIs for login, match, and filter functionality.
- Organized app state using Redux store.

Modern Minesweeper

[Live link](#) • [Frontend GitHub](#) • [Backend GitHub](#)

A modern take on the classic and addicting puzzle computer game.

- Formulated algorithms and recursive functions to implement complex game logic.
- Developed with React and Material UI components for a clean UX/UI.
- Created a Node.js/Express.js backend API with JWT authentication for users and to save scores and filter high scores.

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📁 [Portfolio](#)

🌐 [LinkedIn](#)

🐙 [Github](#)

📝 [Medium Blog](#)

Technical Skills

Languages

- JavaScript (ES5/ES2015)
- Ruby
- HTML
- CSS
- SASS
- Python 3
- SQL

Technologies

- React
- React Native
- Ruby on Rails
- Redux
- Node.js
- Express.js
- Knex.js
- Objection.js
- Material-UI
- Bootstrap
- Foundation
- Django
- Django REST Framework
- PostgreSQL
- SQLite3

Education

Flatiron School

Full Stack Software Development | Ruby on Rails, JavaScript, React

May 2020

Stevens Institute of Technology

MS in Management
BE in Civil Engineering

May 2012