

# Kristine Du

## Full-Stack Software Engineer

Ambitious and detail-oriented developer with strong JavaScript and Ruby skills looking to enable others to learn through technology. With 8 years of Project Management experience across various industries ranging from retail construction to agile E-Commerce web and software development, I have a proven ability to deliver on user and client expectations. I am a passionate problem solver with an eye for intuitive product design and user experiences.

## 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

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

### 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.
- Elicited business/design requirements and translated to functional requirements.
- 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.
- Utilized 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