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.

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- 📍 Denver, CO 80216
- 💼 [Portfolio](#)
- in [LinkedIn](#)
- ○ [Github](#)
- M [Medium Blog](#)

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.

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