

Kate McElhaney

Full Stack Software Engineer

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As an experienced project manager adept at cross department collaboration, I can solve unique challenges as a software engineer. My strategic thinking and communication skills, honed through developing solutions alongside stakeholders, ensures I can manage projects skillfully while connecting deeply with end-users with continuous integration. I am highly skilled in providing insight into delivering tech solutions that break down barriers and propel social good organizations forward.

SKILLS

Languages - JavaScript, HTML, CSS | **Database** - MongoDB **Libraries and Frameworks** - React, Express.js and NodeJS | **Other** - AWS, Microsoft Suite, Web APIs, REST, PMP Certification, Jira, Monday.com, Figma, Trello, CRM, CMS and Web development, test driven development, and Salesforce Administration

SOFTWARE ENGINEERING AND DEVELOPMENT PROJECTS

HQSpec | MERN Stack Project | [GitHub Repo](#)

- Developed Web based application designed for an affordable housing consultant to improve the process of requesting Health Quality Standard (HSQ) Inspections for Housing Choice Voucher Properties
- Developed software application with a strong focus on UI for the client's usability
- Used React, Express, Node.js, Semantic UI-React, and MongoDB and implemented Amazon Web Tokens for logged in access

Tech-Match | CRUD MEN Project | [GitHub Repo](#)

- Web-based application designed to allow collaboration on programming and coding projects with implementing a Mongo Atlas Database. Users may log in using their Google Account and then create a profile and projects to collaborate with others that either need help with creating an app or program or offer help to others.
- Used Express, Node.js, and MongoDB and implemented Google Oauth for logged in access to create a web application

Jeep-Mory | Solo Concept Project | [GitHub Repo](#)

- A take on the classic Memory game using CSS, HTML, JavaScript and DOM Manipulation.
- Used DOM Manipulation to create the game board of up to 24 cards with customization features for as little as 12 cards.
- Developed feature to allow users determine level of difficulty with the use of JavaScript's switch and splice function to keep code short and clean.

USDA Funded Farm and Food Worker Application | Wix, Boomform, MicroSoft SharePoint and Aeyon Fraud and Duplication API <https://www.farmworkerrelief.org/>

- Built out branded program website using Wix and implemented a Boomform application feature for basic CRM needs
- Implemented an API with Aeyon to cross check all applications for fraud and duplications
- Developed out detailed Excel tracker for budget and deliverable monitoring
- Project managed the entire environment with an agile approach

CRM Implementation and Data Migration | Microsoft Suite, Microsoft Dynamics, and Neighborly CRM

- Administered in a traditional waterfall approach the development and implementation of a Customer Relationship Management (CRM) system, Neighborly, successfully transitioning 10,000 loan files to a new CRM platform that protected Personally Identifiable Information and was customized for all four of the main loan and grant programs at DURA

PROFESSIONAL EXPERIENCE

Freelance | Remote

Software Engineer January 2024-Present

- Planning and developing full stack software engineering projects for small business owners and nonprofits
- Develops thoughtful and efficient web based applications for small budget clients with MERN stacks

Community Resources & Housing Development Corporation | Westminster, CO | Hybrid

Chief Program Officer June, 2023 - January 2024 (promoted)

- Oversaw a new Salesforce mapping for the Nonprofit Starter Pack for the housing counseling department
- Administered over \$10M in federal grants, increasing company income by over 25%
- Oversaw Web Development for current DNN site, an interactive CRM site, and the design and plan of new site launch

Director of Strategic Operations October, 2021-June 2023

- Developed out KPI tracking system for all departments through Monday.com

- Conducted IT Security Analysis to identify risks with handling client's Personal Identifiable Information (PII)
- Developed out CRM tool for grant tracking with a focus on user interface
- Increased organizational revenue by 25% through strategic partnerships and the launch of a new program
- Responsible for extensive grant and budget management system with a complex array of Excel files

**Denver Urban Renewal Authority | Denver, CO | Hybrid
Grants/Loans Project Manager June, 2019-October, 2021**

- Improved Housing Rehabilitation program's client-facing services through the development of launching a secured and encrypted digital application process, demonstrating an ability to understand and meet user needs
- Spearheaded the development, testing, and implementation of a new CRM system, Neighborly, to facilitate remote work and enhance pipeline tracking and allowed for better user interface
- Successfully reduced delinquent loan portfolio by 60%
- Created a time audit analysis and client pipeline tool to minimize client turnover, and reduced the time from client intake to loan closing by 30%, which was a departmental KPI
- Collaborated with marketing consultants to boost program visibility, developed marketing analytics using Google analytics

**Denver Metro Fair Housing Center | Denver, CO | On-site
Deputy Executive Director/Chief of Staff April 2014-June, 2019 (twice promoted)**

- Efficiently managed the transition to new leadership, demonstrating adaptability and leadership skills
- Developed a risk mitigation plan and fostered strong stakeholder relationships, emphasizing skills in identifying and managing potential project risks and maintaining effective communication with diverse groups
- Set up and managed Access Database to manage all Fair Housing Testers (akin to Secret Shoppers) used for investigations
- Developed web-based application to analyze Homeowners Mortgage Disclosure Act (HMDA) data sets to track and monitor lenders for potential redlining practices
- Developed a project management system to strengthen enforcement efforts, showcasing proficiency in system design and implementation.

EDUCATION | CERTIFICATIONS

General Assembly | Remote

Software Engineering Immersive January 2024 - Present

Full-stack software engineering immersive student in an intensive, 24-week, 480 hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

Project Management Institute | Remote

Project Management Professional Certificate March 2023

Colorado State University | Fort Collins, CO

Bachelor of Arts-Sociology & Bachelor of Social Work August 2005-May 2009

CSU Global | Remote

Graduate Certificate in Human Resource Management **September 2013 - December 2014**

Boards and Other Activities

US Peace Corps Volunteer-Philippines 2009-2011

Board Chair of The Civic Canopy 2019-Present

Founding Board Member of The International Food & Wine Society-Denver Chapter - 2021-Present