# SALMA MOHAMED

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A project-focused software developer that builds responsive web applications, specializes in the MERN stack, and engages in collaborative and communicative remote development.

## EDUCATION

**M.Sc. In Data Science,** University of St.Thomas, St.Paul, MN                    2020 - Present
*Relevant Coursework:* Data Structures & Algorithms, Data Analytics & Visualization, Database Management Systems & Design

**Full-Stack Web Development Certificate,** University of Minnesota, Minneapolis, MN        2020 - 2020
*Curriculum:* 240 contact hours of an intensive coding bootcamp that teaches computer science fundamentals and focuses on front-end and back-end technical programming skills, from databases to deployment.

**B.A. In Physiology,** University of Minnesota, Minneapolis, MN                    2016 - 2019
*Minors:* Public Health | Asian Languages & Literatures - Subplan: Arabic

## SKILLS AND INTERESTS

**Languages**: Python (Pandas, NumPy, Matplotlib), SQL, JavaScript, HTML, CSS, English, Somali, Arabic
**Tools/Technologies:** MERN (MongoDB, ExpressJS, ReactJS, NodeJS), SAS, Tableau, Jupyter Notebook, Git, Heroku, Excel, UML, SDLC, Agile Development
**Interests**: ML/AI, Full Stack Engineering, Product Management

## PERSONAL PROJECTS

**WANDR** | https://github.com/sirsoco/wander | https://wwanderr.herokuapp.com/
*Full-Stack Developer*
- Designed to connect digital nomads with one another to form relationships and travel together
- Allows the user to create a profile, pin the desired destination as their location, and view other user's profiles on a map
- Created front-end UI using React, utilized Firebase & MySQL for data storage, and built RESTful API routes

**RECSAVER** | https://github.com/moha0477/RecSaver | https://peaceful-retreat-59092.herokuapp.com/
*Full-Stack Developer*
- Allows the user to search for a movie/show, save it to a watch-list, & add, update, or delete notes for each saved item
- Developed UI with HTML, CSS, Bootstrap, JavaScript, and jQuery
- Built CRUD API routes and integrated them with third-party APIs

**TRAVEL JAPAN** | https://github.com/moha0477/travelJapan | https://mikemarien.github.io/travelJapan/
*Front-End Developer*
- A niche product catered towards users wishing to safely travel to Japan amidst the global pandemic
- Users can choose a city and view several things: the main attraction, an alert stating whether or not that attraction is deemed safe, nearby restaurants, and current weather
- Constructed logic that grabs data from third-party APIs, add customization, and renders that info onto the webpage

## PROFESSIONAL EXPERIENCES

**KALKAAL HOMECARE**                                         Minneapolis, MN
*Healthcare Administrator*                                   *June 2018 - Present*
- Manage and coordinate staff to ensure that all operations are done in compliance with healthcare regulations
- Implement marketing strategies to recruit additional clients, including the coordination of events catered to seniors and people with disabilities
- Facilitate the recruitment, onboarding, scheduling, and retention of staff members
- Responsible for the biweekly, analytical review of client insurance eligibility
- Conduct data analysis to assess the accuracy of payroll and billing functions

**Key Accomplishments:**
- Achieved high staff morale and retention, which attest to my excellent communication, problem-solving, conflict resolution management, active listening, time management, and interpersonal skills
- Successfully established payroll policies that increased the usage of direct deposit and emailed timesheets during the COVID-19 pandemic, reducing the occurrences of staff visits to the office by 90%