

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 & travel together
- Allows the user to create a profile, pin a 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 the main attraction, along with 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 customizations, and renders that info onto the webpage

PROFESSIONAL EXPERIENCES

KALKAAL HOME CARE

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%.
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