

ALI SAREMI

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Education:

Northeastern University, San Francisco

MS in Computer science

Dec 2024 (expected)

Berkeley City College, Berkeley

Associate in Science Degree in Mathematics

Sep 2022

Member of Phi Theta Kappa, high honors society

Azad University Kashmar, Iran

BS in Civil Engineering

Technical Skills:

Languages: Java, Python, C/C++, HTML/CSS, JavaScript, TypeScript

Frameworks/Tools: GitHub, Figma, wireframe, Node, React

Database/ORM: MongoDB, MySQL, Firebase, Docker

Design Pattern: MVC, Factory Pattern, Adapter Pattern

Projects

AR app Mobile Application | android studio, firebase, MangoDB, Sceneform SDK

- Create an Augmented Reality (AR) Mobil application that Users can select any organic molecule from a list of molecules and can examine the 3D model of that molecule using their camera sensors and AR in real-time on their screen. This will help them learn things quickly in a fun way because atoms and bonds will be color coded which will help them identify and remember things easily.

Ecommerce Store | HTML, CSS, JavaScript, Node, React, MongoDB, Java

- create a distributed online marketplace that has ability to create user accounts, search and browse products, add items to a cart, make payments, and track orders. Additionally, consider non-functional requirements such as scalability, reliability, security, and performance. for the design system the user interface is separate from the back-end services and partition the database to reduce contention and improve scalability, it includes: Time and Clocks, Distributed Mutual Exclusion, Fault-tolerance, the state of the system is distributed across multiple client or server nodes.
- The only centralized service is that supports users logging on, adding or removing clients or servers.

Recipe API Creation | Python, Django, Docker, GitHub, PostgreSQL

- Create a recipe API that can handle user Authentication, object creation, and Image upload with python, Django, Django REST framework, Docker, PostgreSQL, and TDD principles.
- Created recipes with titles, price, ingredients and tags like “vegan”, or “spicy”, Set up with Docker and Docker-Compose and configured a PostgreSQL. Wrote Unit Tests with Django Test Framework.

Work Experience:

Rubenstein Supply Company, Oakland, CA

2017 - 2021

Data and Information System Manager

Jun 2019- Jun 2021

- Managed the existing database and data management system that the Company relies on to manage item price points and inventory.
- Collaborated with branch managers to create and enforce companywide policies that improve data quality at the point of transaction, point of purchase, and inventory stocking.

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- Formulated queries to automatically deliver data to various office staff in order to minimize data system interactions and increase productivity.

Data Analyst

Feb 2017- Jun 2019

- Provided expertise in data storage structures and data cleaning.
- Generated quarterly reports for finance and sales teams.
- Created and followed processes to keep inventory and sales data updated.