SAARTH KURLE

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EDUCATION

San Francisco State University   San Francisco, CA
Bachelor of Science in Computer Science   Aug 2021 - May 2024
University of Illinois - Chicago   Chicago, IL
Bachelor of Science in Computer Science - Transfer   Jan 2020 - May 2021

TECHNICAL SKILLS

- **Proficient:** Java, Python, JavaScript, React.js, Node.js, Express, SQL, MongoDB, HTML5, CSS3, Flask
- **Exposure:** Firebase, Git, AWS, S3, C++, jQuery, RandomForestClassifier, K-Means Clustering, BernaulliNB

PROJECT WORK

The Locker Room | Backend Master   2024
Website for sports enthusiasts to sell their used merchandise.
- Engineered database in SQL and hosted it on AWS to manage website data and store information.
- Added image uploading functionality using AWS S3 bucket to store images uploaded by user.
- Wrote over 300 lines of code on server side of application using JavaScript, React.js and SQL.

Student Data Record MySQL project | Self **|** repo link   2021
Java application that stores academic record data.
- Wrote entire project of over 1000 lines in Java and MySQL for apprenticeship program.
- Ensured that the application stores data correctly in MySQL table and visualizes using JFreeCharts.
- Added functionalities such as Update record, Delete record and error handling.

Diabetes Predictor Machine Learning Model | Self **|** repo link   2023
Web application using a RandomForestClassifier to predict diabetes.
- Developed a machine learning model using Python and RandomForestClassifier to predict the likelihood of diabetes based on user input.
- Built a Flask web application to serve the model, and ensured 80% accuracy in diabetes predictions.
- Processed and cleaned data from the diabetes23.csv dataset for model training and validation. Ensured application dependencies are managed using a requirements.txt file.

RELEVANT EXPERIENCE

The Social Sundays | *Web Designer and Developer* **|** New York, NY **|** Remote   Nov 2023 - Jun 2024
- Created 21 user-friendly and visually appealing websites from initial designs using CSS, contributing to a 25% reduction in site loading times and improving overall user satisfaction scores across the client portfolio.
- Redesigned client websites using CSS and better fonts to meet client needs, resulting in increasing client satisfaction and retention through continuous improvement of website aesthetics and functionality.

Kamal Tutorials | *Javascript Training Apprenticeship* **|** Remote   July 2023 - Oct 2023
- Completed Full Stack Advanced Javascript training program with the MERN Stack, SQL, AWS.
- Completed several full stack web application projects using Node.js, React.js, MongoDB, Spring, PostgreSQL.

San Francisco State University | *Front Desk Assistant* **|** San Francisco, CA   Oct 2021 - Aug 2022
- Assisted residents in various problem-solving scenarios and provided customer service at front desk of dorm building ensuring positive living experience for all residents.
- Performed tasks such as answering calls, reporting incidents, processing mail and responding to student needs.

Kamal Tutorials | *Java Training Apprenticeship* **|** Remote   May 2021 - Aug 2021
- Completed Full Stack Advanced Java training program with SQL, JSP, Hibernate Framework and OCJA.
- Completed MySQL Connected JDBC application with Swings for GUI and JFreecharts as a Final Project.