

SAARTH KURLE

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GitHub: github.com/saarthkurle-cs

Portfolio: saarthwebapp.web.app

EDUCATION

San Francisco State University

Bachelor of Science in Computer Science

San Francisco, CA

Aug 2021 - May 2024

University of Illinois - Chicago

Bachelor of Science in Computer Science - Transfer

Chicago, IL

Jan 2020 - May 2021

TECHNICAL SKILLS

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

PROJECT WORK

The Locker Room | Backend Master

2024

Website for sports enthusiasts to sell their used merchandise.

- Designed 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 | Remote

Nov 2023 - Jun 2024

- Translated conceptual designs into responsive and user-friendly websites using CSS, amplifying our clients' online presence.
- 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.

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 Classes | Java Training Apprenticeship | Remote

Jun 2021 - Jul 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.