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

- **Programming Languages:** Java, Python, JavaScript, Typescript, SQL, C++, HTML5, CSS3
- **Frameworks:** React, Node, Express, MongoDB, Firebase, Git, AWS(S3, EC2), Flask, TensorFlow, Pytorch

PROJECT WORK

The Locker Room | Backend Master   2024
Website for sports enthusiasts to sell their used merchandise.
- Implemented a SQL database hosted on AWS for managing sports merchandise data and user information.
- Integrated image upload functionality using AWS S3, contributing 300+ lines of backend code using JavaScript, React.js, and SQL.

Student Data Record MySQL project | Self **|** repo link   2021
Java application that stores academic record data.
- Built a Java application with 1200+ lines of code for storing academic records in MySQL and visualizing data with JFreeCharts.
- Added features like record updates, deletion, and error handling, ensuring smooth database interaction.

Diabetes Predictor Machine Learning Model | Self **|** repo link   2023
Web application using a RandomForestClassifier to predict diabetes.
- Developed a RandomForestClassifier-based model with 80% accuracy, deployed using Flask for predicting diabetes from user input.
- Processed and cleaned dataset for model training and managed application dependencies with requirements.txt.

PROFESSIONAL EXPERIENCE

The Social Sundays | *Web Developer* | New York, NY | Remote   Nov 2023 - Jun 2024
- Created 16 user-friendly and visually appealing websites from initial designs using React, HTML and CSS, contributing to an improvement in 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.

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 the front desk of the dorm building, ensuring positive living experience for all residents.
- Performed tasks such as answering calls, reporting incidents, processing mail and responding to student needs.

Trivia Softwares | *Java Software Developer Intern* **|** Remote   May 2021 - Aug 2021
- Developed a Management System Design Project using Java SE 14. Implemented features such as GUI with Swings, database integration with Hibernate, and data visualization using JFreeCharts.
- Completed Full Stack Advanced Java training program with SQL, JSP, Hibernate Framework and OCJA.

BOOTCAMP TRAINING

Machine Learning Bootcamp | Kamal Classes | Online **|** Certificate   Sept 2023 - Oct 2023
Topics Trained on: Polynomial Regression, Pytorch, RandomForestClassifier, K-Means Clustering, BernoulliNB, ML Model Training
JavaScript w/ MERN Bootcamp | Kamal Classes | Online **|** Certificate   Jul 2023 - Oct 2023
Topics Trained on: JavaScript, TypeScript, React.js, Express.js, Node.js, MongoDB, Web Application Development