# Kunj Sevak

San Francisco

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## Summary

Computer Science student (GPA 3.6) with experience in building software across web, mobile, and machine learning projects. Skilled in Java, Python, and Swift, with hands-on use of React, Flask, and AWS. Strong interest in software engineering roles where I can apply my problem-solving skills and project experience to create practical solutions.

## Education

**San Francisco State University**                                                                      **Jan 2022 - Present**
*BS, Computer Science*
- **GPA:** 3.6/4.0
- **Coursework:** Data Structures & Algorithms, Software Engineering, Operating Systems, System Administration

## Experience

**San Francisco State University**                                                                    **Aug 2023 - May 2024**
*Teaching Assistant - Introduction to Programming (Java, ProblemSolv- SanFrancisco, CA ing)*          *San Francisco, CA*
- Led weekly labs for 15+ students, simplifying Java and problem-solving concepts through hands-on exercises.
- Created coding challenges and tutorials to strengthen algorithmic thinking, leading to enhanced problem-solving skills among students
- Provided 1:1 mentoring during office hours, resolving learning gaps and improving course performance.
- Partnered with faculty to align labs with course objectives.

**San Francisco State University**                                                                    **Apr 2023 - May 2024**
*Grader For Calculus II*                                                                               *San Francisco, CA*
- Evaluated and graded assignments, quizzes, and exams for over 100 students, ensuring consistency and fairness in assessment.
- Coordinated with course instructors to align grading practices, resulting in a streamlined grading process and enhanced communication between faculty and students

## Academic Projects

**Triumph Tracker - Accountability App with AI (AWS, Flask, React Native, Python,SQL)**
- Developed a full-stack accountability app as part of a team project, contributing primarily as a frontend developer. Built a responsive UI in React Native and integrated it with a Flask backend hosted on AWS. I also helped design the SQL database for secure and efficient data storage. The app improved user engagement with AI-driven accountability features and provided a smooth, mobile-first user experience.

**SKVA-iOS Weather App (Swift, iOS SDK, OpenWeather API, Apple Maps, SpeechKit, Calendar)**
- Created an iOS application that delivers real-time weather updates and personalized trip summaries. I implemented features such as audio weather updates using SpeechKit, interactive map integrations with Apple Maps, and calendar-based trip scheduling with weather insights. The app enhanced trip planning by combining live data with automated alerts, making it more interactive and accessible for users.

**Heart Disease Prediction (Machine Learning) (Python, Scikit-learn, Pandas, NumPy)**
- Worked in a team to build a machine learning pipeline that predicts heart disease using the UCI dataset. I contributed to data preprocessing with KNN imputation and feature scaling, and helped train SVM model. Our best model, SVM, achieved 90% accuracy, and the project highlighted key predictors such as exercise-induced angina, providing valuable insights into heart disease risk factors.

## Technologies

- **Languages**: Java, Python, Swift, C++, C, SQL, JavaScript, HTML/CSS
- **FrameWorks-Tools**: React.js, React Native, Flask, AWS, Scikit-learn, Pandas, NumPy, Git
- **Databases**: MongoDB, MySQL
- **APIs,SDKs**: OpenWeather API, Apple Maps, iOS SDK (SpeechKit, CalendarKit)