

Kunj Sevak

+1 (724)6055701 | jsevak11@gmail.com | <https://linkedin.com/in/kunjsevak>
<https://github.com/KunjSevak1919> | <https://portfolio-website-three-jet-35.vercel.app/>

Summary

Aspiring Full Stack Engineer with a strong foundation in computer science and practical experience in web and mobile software development. Proficient in Java, Python, and Swift, with hands-on experience using React, Flask, and AWS to build scalable applications. Successfully completed a team project to develop a web application that improved user engagement by 30%. Eager to leverage technical skills and project experience to contribute to innovative software 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, AI/ML

Experience

San Francisco State University

Aug 2023 - May 2024

Teaching Assistant - Introduction to Programming

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)

- Built a full-stack accountability app with a React Native frontend and Flask backend hosted on AWS.
- Designed secure SQL data storage and integrated AI-driven features to improve user engagement.
- Delivered a smooth, mobile-first user experience for task accountability.

SKVA-iOS Weather App (Swift, iOS SDK, OpenWeather API, Apple Maps, SpeechKit, Calendar)

- Built an iOS application providing real-time weather updates and personalized trip summaries.
- Implemented **audio weather updates** using SpeechKit.
- Integrated **interactive maps** with Apple Maps.
- Added **calendar-based trip scheduling** with weather insights.
- Enhanced trip planning by combining live data with automated alerts for better accessibility and interactivity.

Heart Disease Prediction (Machine Learning) (Python, Scikit-learn, Pandas, NumPy)

- Collaborated on a machine learning pipeline to predict heart disease using the UCI dataset.
- Contributed to **data preprocessing** with KNN imputation and feature scaling.
- Assisted in training and optimizing an **SVM model**. Achieved **90% accuracy** with SVM, outperforming other models.
- Identified key predictors (e.g., **exercise-induced angina**) to provide insights into heart disease risk factors.

Skills

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