

# SUJAL PATIL

COMPUTER ENGINEER

Evolving with technology.



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## OBJECTIVE

A Computer Engineer with an experience in Android development and a strong command of HTML, CSS, JavaScript, and JAVA. Beginner in data structures and algorithms (DSA) with hands-on experience in using tools like MongoDB.

## PROJECTS

- Open-Source Music Website.
  - Developed a **Spotify-like** music streaming platform using **MongoDB, Express.js, and Node.js**.
  - Implemented **song and album management**, allowing users to upload and stream music.
  - Used **Multer for file uploads**, storing songs and cover images efficiently.
  - Ensured **secure and optimized backend** with **Mongoose** for database operations.
- V-Vibe: Efficient Volunteer Management Using Mobile Technology.
  - Built a **volunteer management mobile application** using **Java (Android) and XML** for the frontend.
  - Integrated **Firebase backend** for **real-time data synchronization** and **user authentication**.
  - Implemented **event scheduling, volunteer tracking, and notifications** to enable **seamless communication** between volunteers and organizers.
  - Developed a **clean and intuitive UI**, improving **user engagement and accessibility**.

## RESEARCH AND PUBLICATIONS

V-Vibe: Efficient Volunteer Management Using Mobile Technology.

Volunteer Management System.

*Prathamesh Pandharinath Wadekar, Shreyas Kumar Sachan, Sujal Kishor Patil, Harshal Mahesh Wagh, Dr. Manimala Mahato.*

📅 2024    🔗 [URL](#)

Investigated the development of a dependable Android application that links organizations with volunteers. The research intended to increase user experience, make the software more scalable, and facilitate easy communication.

## TECHNICAL SKILLS

HTML

CSS

JavaScript

JAVA

DSA

Android Development

MongoDB

## CERTIFICATIONS

- Android Developer Virtual Internship.

## EDUCATION

CORE	INSTITUTION	PERCENTAGE	YEAR	UNIVERSITY
BTECH (COMPUTER ENGINEERING)	Shah & Anchor Kutchhi Engineering College	CGPA – 8.72	2022-2026 Pursuing	MUMBAI UNIVERSITY
HSC	SUDHAGAD EDUCATION SOCIETY.KALAMBOLI, NAVI MUMBAI.	77.67%	2022	MAHARASHTRA STATE BOARD
SSC	S. T JOSEPH HIGH SCHOOL.KALAMBOLI, NAVI MUMBAI.	90.40%	2020	MAHARASHTRA STATE BOARD