

## AJINKYA UDAY SASNE

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<https://protomac1.github.io/Portfolio-working/Portfolio/index.html>

### ➤ Profile Summary

- Completed B.E Computer Engineering from Savitribai Phule Pune University.
- Ability of grasping new technical concepts and tools and to utilize them as and when required.
- I would like to seek a position in IT where I would get the opportunity to learn technically and grow professionally.
- I have a great enthusiasm in the Web Development and Android Development.
- I have Course for Specialization in the field of Full Stack Java Development from CIIT Institute.

### ➤ Education

Degree	University	Year
BE (CS) (Completed)	University of Pune	2017- 2022
HSC (Science)	MSBSHSE	2017
SSC	MSBSHSE	2015

### ➤ Course

Name	Course Name	Year
CIIT Institute, Hadapsar, Pune.	Java Full Stack Developer	2023

### ➤ Technical Skills

Programming Languages:	JAVA, Core Java, Spring Boot.
Scripting Languages / IT Constructs	HTML, CSS, JavaScript, Bootstrap, Angular, J Query, React Js.
Databases	SQL, PLSQL
Operating System	Windows XP/7/8/10, Linux Fedora.
Development Tools/IDEs	Microsoft visual studio, Linux Terminal, PyCharm, Android Studio, Eclipse IDE, Oracle XE, NetBeans IDE, Spring Tool Suite (STS) IDE, XAMPP.

### ➤ Personal Information

Date of Birth	18 Mar 2000.
Languages Known	English, Hindi, Marathi.
Marital Status	Unmarried.
Hobbies	Cycling, chess, Reading.

### ➤ Academic Project

❖ **Title:** - Audio Signal Processing

❖ **Domain:** -IOT

❖ **Synopsis:** - Audio Signal Processing is also known as Digital Analog Conversion (DAC). Sound waves are the most common example of longitudinal waves. The speed of sound waves in a particular medium depends on the properties of that temperature and the medium. Sound waves travel through air when the air elements vibrate to produce changes in pressure and density along the direction of the wave's motion. It transforms the Analog Signal into Digital Signals, and then converted Digital Signals into sent to the Devices. Which can be used in Various things., Such as audio signal, RADAR speed processing, voice recognition, entertainment industry, and to find defects in machines using audio signals or frequencies. The signals play an important role in our day-to-day communication, perception of

environment, and entertainment. A joint timefrequency (TF) approach would be better choice to effectively process this signal. The theory of signal processing and its application to audio was largely developed at Bell Labs in the mid-20th century. Claude Shannon and Harry Nyquist's early work on communication theory and pulse-code modulation (PCM) laid the foundations for the field.

❖ **Role:** - Programmer

❖ **Technology Used:** - JavaScript, Html, CSS, Java, Arduino, Sound Sensor.

## ➤ **Personal Project**

### 1. **Title:** - Portfolio

❖ **Domain:** -Web Developer

❖ **Synopsis:** - In a nutshell, you need a portfolio website to showcase your work. Whether you're an individual, a small team of two or a company often people, it's crucial that you have a unique online approach. A website portfolio will help you stand out from the crowd, show your uniqueness, build trust, and make sure that others can actually find you. Having your own website means customers are always able to find you and if interested, reach out for you. If you don't have an online presence nowadays, you are behind the times. A portfolio is a great way for photographers, designers, developers and a wide range of artists to present their work online. It lets you reflect your identity through your works – photos, graphic design, sketches, etc.

❖ **Role:** - Programmer

❖ **Technology Used:** - JavaScript, Html, CSS, React Js.

### 2. **Title:** - Exam Portal

❖ **Domain:** -Web Developer

❖ **Synopsis:** - Online Examination System is a technology-driven way to simplify examination activities like defining exam patterns with question banks, defining exam timers, objective/ subjective question sections, and conducting exams using a computer or mobile devices in a paperless manner.

❖ **Role:** - Programmer

❖ **Technology Used:** - JavaScript, Html, CSS, React Js, Java, Spring Boot, PLSQL, Hibernate, etc.