

Sourav Pande

souravpande39@gmail.com

[LinkedIn](#)

[Github](#)

Computer Engineer

An innovative minded individual seeking opportunities where I can grow and learn from others.

EXPERIENCE

Invent On Us, Intern

Pune | MAY 2021 - PRESENT

As an intern, my role involves Optimizing Test Case Generation Algorithms like Particle-Swarm Optimization and Simulated Annealing. This implied Parameter Tuning the algorithms to gain maximum coverage with the least possible test cases.

PROJECTS

Spectral Equaliser — C++ and JUCE Framework

Graphical Equalizer with three filters: Low Cut, Peak, High Cut used to manipulate the Audio Spectrum for Artistic needs.

Voice-Based Prescriptions — Flutter and Firebase

Prescriptions made easy using Voice. Trackable Patient Prescription History.

Synthesizer using Additive Synthesis — C++ and JUCE Framework

A Digital Synthesizer with two Oscillators (Sine, Square, Saw), which generates sound for various sound design applications

Visual Artist Portfolio — HTML, CSS, JavaScript

A Website for a Visual Artist to showcase their Art.

SKILLS

C++

JAVA

PYTHON

JUCE Framework

Flutter

MySQL

Audio DSP

EDUCATION

B.Tech Computer Engineering

Vishwakarma Institute of Information Technology, Pune

2018-Present