Shashank Verma

SOFTWARE DEVELOPER

Profile

Experienced Software Developer adept in bringing forth expertise in design, development, testing, maintenance and installation of software systems.

Bringing forth a positive attitude with willingness and motivation to learn new things coming in the way.

Education

B. Tech, Motilal Nehru National Institute Of Technology, Prayagraj

DECEMBER 2020 — PRESENT

Major: Computer Science and Engineering

Certificates

Google Certified Associate Android Developer

JUNE 2020 — PRESENT

Certification: Link

Achievements

Hack36 - Best Freshers Team

APRIL 2021

I worked on a project called **Behave** with a team of 4 members. The motive of this project was to bridge the communication gap between the teachers and the students. It is a Node.js based software that uses OpenCV (to detect faces of the students in the frame) and machine learning (to detect emotions from detected faces), which then the teachers can analyze to understand more about the students and get relevant feedback.

Project Link: github.com/Beesechurgers/Behave | Devfolio Project Link

DevJam - 2nd place

MAY 2021

I worked on a project called **Parker**, a QR based automated vehicle parking system, with a team of 4 class fellows which took about 2 weeks to complete. Through this automation, drivers will have hassle-free service experience in terms of Parking - Payment - Exit.

Project Link: github.com/Beesechurgers/Parker

Area of Interests

Here are some of my interests:

- **Android Development**
- **Back-end System Development**
- **Core Programming**
- **Functionality and Maintenance**
- **IOT**

Details

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NATIONALITY

Indian

Links

Github

LinkedIn

Personal Page

Skills

Android App Development

AOSP Development

UI / UX Handling

Git

SQL

IDEs: Intellij, VSCode, CLion

Firebase

Node.js

Languages

Java

C++

Kotlin

Golang

Hobbies

Playing Guitar
Sketching and Painting
Gaming

Personal Projects

Custom AOSP

I have worked and built a custom android OS named Havoc for device Xperia XZ1 Compact (code-name: lilac).

Posted on public developer forum: XDA

Project Links: github.com/shank03/android_device_sony_lilac
github.com/shank03/android_device_sony_yoshino-common

Schedule Dark Theme (App)

A Simple app allowing users to schedule dark theme and change wallpaper when theme changes.
For Android 10 and above.
Project Link: github.com/shank03/Schedule-Dark-Theme

Flip-to-Shush (App)

Flip to Shush was a feature provided by Google only in Google Pixel phones. I worked and built this app to bring this feature to as many devices as possible.

This feature mute any incoming sound when the device is flipped upside down. It uses proximity sensor and accelerometer to detect the flip of device.

Project Link: github.com/shank03/Flip-To-Shush