

# Divyanshu Shekhar

[imdshekhar@gmail.com](mailto:imdshekhar@gmail.com) | [twitter/dshekhar17](https://twitter.com/dshekhar17) | [in/dshekhar17](https://in.linkedin.com/in/dshekhar17) | [Github/divshekhar](https://github.com/divshekhar)

## EXPERIENCE

### Tyup : Student Social Media & Community Platform

Founder & App Developer

India

July 2021 – Present

- Building a competent team from scratch as a startup company
- Integrated back-end & front-end of the application
- Contribution to prototyping & app development
- Building strategic marketing and business development plans

## PROJECTS

### Recite : Text-to-speech app for web & PDF [ Flutter, Dart, Java ]

June 2021

- **Problem:** Lack of all in one text-to-speech app for web and PDF
- **Solution:** Built Recite, a text-to-speech app with multiple language and voice support.
- Uses Google TTS Engine for voice, language and accent support
- Uses NLP model for sentence detection
- 10K+ downloads with 2K+ active users per month

### Flutter Process Text [ Flutter, Dart, Java ]

June 2021

- **Problem:** Plugin to listen to the process text intent stream.
- **Solution:** Built an open-source flutter plugin for easy passing of data between one app to another using process text intent.
- 60%+ popularity & 15+ likes on [@pub.dev](https://pub.dev).

### Flutter Shortcuts [ Flutter, Dart, Java ]

June 2021

- **Problem:** Plugin for creating static & dynamic app shortcuts on the home screen.
- **Solution:** Built an open-source flutter plugin for easy creation of static & dynamic app shortcuts.
- 50%+ popularity & 50+ likes on [@pub.dev](https://pub.dev).

### DemonOS [Assembly, C, Makefile, Shell, Qemu]

July 2021

- Created Operating System from scratch
- Implemented IDT, GDT, PIC with A20 line enabled & switching real to protected mode
- Implemented basic input output using c language to write on terminal
- Used Makefile and Shell to compile and build the executable to iso file
- Used Qemu to run and debug the operating system

### AutoGit [ Python, Tkinter, Selenium, Shell ]

December 2019

- **Problem:** Creating & initializing git in remote and local computer
- **Solution:** Built an open-source software for automating repository creation & deletion both on remote
- Created an automated system using selenium and GUI using Tkinter

## TECHNICAL SKILLS

**Languages(Proficient):** C/C++, Python, Dart, JavaScript

**Languages(Familiar):** Java, Golang, TypeScript, Solidity, Assembly, Shell

**DB:** SQL, MongoDB

**Frameworks:** Flutter, GTK+, React, Node.js, Angular

**Developer Tools:** AWS(EC2, SES, Route53), Docker, Postman, Qemu

## EDUCATION

**Kalinga Institute of Industrial Technology**

Sophomore year, B.Tech in Computer science and engineering

Bhubaneswar, Odisha

September, 2020 – Expected June. 2024