

Dewansh Rawat

dewanshrawat15@gmail.com | linkedin.com/in/dewanshrawat15 | github.com/dewanshrawat15

A third year undergrad student with a focus on neat and clean design aesthetics, robust backend structures and intelligent systems. Portfolio website available at dewanshrawat.xyz

TECHNICAL SKILLS

Languages: Python, Dart, C++, JavaScript, Java, SQL, HTML/CSS

Frameworks: Flutter, React, React Native, Redux, Django, TensorFlow, Struts, Node.js, Flask, ExpressJS, React Native

Developer Tools: Git, TravisCI, Google Cloud Platform, Vercel, Netlify

Designer Tools: Adobe XD, Figma, Adobe Photoshop, Adobe After Effects, Adobe Illustrator

EDUCATION

Bharati Vidyapeeth Deemed University College of Engineering Pune

Pune, India

Bachelors of Engineering in Computer Engineering

July. 2018 - June 2022 (Expected)

EXPERIENCE

Summer Intern

11th June 2019 - 28th July 2020

School of Information Technology, India Institute of Technology Delhi

- I was an intern for a period of two months. I worked on a project to create a system to track files in real time using barcodes and barcode scanners. We made a central web app based on Java and Struts. It was deployed on a VM instance on IIT Delhi's ingenious cloud platform making it accessible locally, within the IIT network. Also, IIT Delhi's OAuth system was added to increase the security of the app and make it accessible to everyone within the IIT network.

Summer Research Intern

10th June 2020 - 18th August 2020

Indian Institute of Information Technology Allahabad

- I was an intern for a duration of two months where I worked on getting state of the art results for classifying Autism on the ABIDE dataset. My work revolved around Dimensionality Reduction using which I was able to get 80% classification accuracy, as compared to other state of the art results.

Full Stack Intern

5th October 2020 - Currently

Tezsure India

- My work involves developing the mobile wallet app on React Native for the blockchain currency Tez and building a Flutter based package to be able to interact with the Tezos Ecosystem.

FEATURED PROJECTS

Cuisinier | *Flutter, PyTorch, Django, Firebase*

the-cuisinier.web.app

- Cuisinier is a smart platform where the app suggests the most optimum usage of the ingredients being used to prepare a particular dish. It generates a time table which maximises the number of dishes being cooked in the given amount of ingredients. We also integrated Deliciora, a system that converts a dish image to its recipe.

Thoughts | *Flutter, Firebase*

th-oughts.web.app

- Miss that familiar feeling of writing Dear Diary entries? Thoughts aim to provide you a platform to write down about your day. Write down your thoughts and write about your experiences. The app has users from around 10 different countries

Folio | *Flutter, Vue, Firebase*

github.com/dscbvppune/folio-app

- Made a Vue based portfolio website for students who aren't technically sound to be able to update, deploy and host websites from their Flutter app.

Rock Paper Scissors | *Flutter, Firebase*

devfolio.co/submissions/rock-paper-scissors-4

- The idea was to build a Mobile game without having 0 knowledge about Game development. I started out by building a basic room based concept for Rock Paper Scissors, something we all have played. I built the whole game on database read and write operations.

OTHER PROJECTS

- Folio** | *Flutter, Vue, Firebase* github.com/dscbvppune/folio-app
- Made a Vue based portfolio website for students who aren't technically sound to be able to update, deploy and host websites from their Flutter app.
- Historia** | *Django, Google Cloud Vision API, React, GhostDriver* github.com/historia-inout
- A ReactJS based chrome extension to keep track of Visual Browser History. The chrome extensions sends URLs to scrape to the Django based server to scrape text and images, and run Vision API on images to store in database.
- NPTEL Downloader** | *Python, BS4, TQDM* github.com/dewanshrawat15/nptel-downloader
- A python CLI based downloader to download lecture videos from NPTEL Course pages.
- Jack** | *Flutter, Shell Scripting* github.com/dewanshrawat15/jack
- A mobile app using which you can control basic MacOS functions. The app uses SSH and OSAScript to control several utility functions.
- Alfred** | *Flutter, Django, TensorFlow* github.com/dewanshrawat15/Alfred
- Alfred is a mobile app which helps predict different genres of TV Shows / Movies by just the picture of they're poster.
- Cats vs Dogs Classifier** | *TensorFlow* github.com/dewanshrawat15/Cats-vs-Dogs-Classifier
- Trained a Cats vs Dogs classifier. Used Data Augmentation for better variety of dataset. Used the InceptionV3 Model for Transfer Learning approach which yielded a validation accuracy of around 96.65%
- Taption** | *Django, IBM Watson Vision API* taption.herokuapp.com
- Taption is a Django based platform. Once an image is uploaded to Taption, object entities are recognised, and captions from song lyrics having those entities are displayed.
- HSociety** | *Flutter, Shell Scripting* devfolio.co/submissions/hsociety
- An online marketplace for consumers and shopkeepers to practise social distancing.

VOLUNTARY EXPERIENCE

- Web Developer** April 2016 - February 2018
Converge Clan converge-clan.com
- I was a member of a computer club in MontFort School. Participated in several prestigious competitions around schools in Delhi.
- Volunteer** August 2018 - Currently
GDG Pune gdg.community.dev/GDG-Pune
- I helped conduct a smooth event by helping the organisers with hands on support. A year later, I volunteered to deploy and maintain DevFest Pune and GDG Pune's website.
- Core Team Member** February 2019 - July 2020
DSC BVP Pune dscbvppune.vercel.app
- I was a Core Team Member at the Developer Student Clubs. My role included hosting / planning events and taking workshops on different topics like Flutter, Django, etc.
- Lead** August 2020 - Currently
DSC BVP Pune dscbvppune.vercel.app
- I lead a community of more than 300+ students. We conduct events on the topics: Web Development, Mobile App Development, Machine Learning and Google Cloud primarily. We also build solutions for modern daily life problems.
- Organiser** November 2020
Ode to Code odetocode.devfolio.co
- Organised a hackathon with 75 teams participating in a span of 20 days.