# Dewansh Rawat

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A sixth semester student architecting full-stack platforms as an intern at Sony Research India.

Website: dewanshrawat.in. Mobile number: +91-9968858476 Short Introduction: bit.ly/dewanshshortintro.

## EDUCATION

**Bharati Vidyapeeth Deemed University College of Engineering Pune**                    Pune, India
*Bachelors of Engineering in Computer Engineering*                    *July. 2018 - June 2022 (Expected)*

## EXPERIENCE

**Full Stack Intern**                    2nd June 2021 - Currently
*Sony Research India*                    *ReactJS, Redux, Django, Flask, AWS*
- I joined Sony Research India as an Full Stack Intern. My work involves building Full Stack Platforms with high performance, reliability and scalability into production.

**Full Stack Intern**                    5th October 2020 - 5th Feburary 2021
*Tezsure India*                    *React Native, Redux, Flutter, Dart, Web3*
- My work involved 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.

**Summer Research Intern**                    10th June 2020 - 18th August 2020
*Indian Institute of Information Technology Allahabad*
- I worked on getting state of the art results for classifying autism from fMRI data on the ABIDE dataset. My worked revolved around Dimensionality Reduction using which I was able to get 80% classification accuracy, as compared to other state of the art results.

**Summer Intern**                    11th June 2019 - 28th July 2019
*School of Information Technology, Indian Institute of Technology Delhi*                    *Struts2, JSP, Apache Web Servers*
- I worked on a project to create a system to track files in real time using barcodes and barcode scanners. Made a Struts based web app deployed over IIT Delhi's internal cloud network authorised over IIT Delhi's OAuth.

## TECHNICAL SKILLS

**Languages**: C++, Python, JavaScript, Dart, Java, SQL, HTML/CSS
**Frameworks**: Flutter, Provider, React, React Native, Redux, Django, TensorFlow, Struts, NodeJS, Flask, ExpressJS
**Developer Tools**: Code, Git, AWS, TravisCI, Google Cloud Platform, Vercel, Netlify, Docker, Jenkins, Heroku
**Designer Tools**: AdobeXD, Figma, Adobe Photoshop, Adobe After Effects, Adobe Illustrator

## 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. Also integrated Deliciora, a system that converts a dish image to its recipe.

**Thoughts** | *Flutter, Firebase*                    th-oughts.web.app
- Thoughts is a platform to write down about your daily life experiences. Write down your thoughts and your experiences.

**Chirp** | *Flutter, Firebase*                    chirp-aud.web.app
- Chirp is a new way to chat. Chirp allows you to bring forward that chirpy nature of yours. It's a messenger system where you can add friends, and send voice messages.

**Rock Paper Scissors** | *Flutter, Firebase*                    devfolio.co/submissions/rock-paper-scissors-4
- The idea was to build a Mobile game purely based on stream data events, state management techniques and database operations. Built a rock paper scissors game using the above mentioned techniques.

## Coursework and Achievements

**Architecting on AWS - Accelerator** - Completed 5 days of training conducted at Sony Research India by an AWS Certified trainer from AWS
**Excellence Certificate** - Data Structures and Algorithms in Python
**Specialization Certificate** - Tensorflow in Practice
**Google Cloud** – Learnt about various services offered by Google Cloud during events conducted by Google DevRel Team.
**Coursework** – Discrete Mathematics, Design and Analysis of Algorithms, Principles of Data Structures

## Other Projects

**Folio** | *Flutter, Vue, Firebase*                                          github.com/dscbvppune/folio-app
- Created a template Github Repository enabling students with non technical background to be easily update/maintain their portfolio website.

**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.

**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.

**NPTEL Downloader** | *Python, BS4, TQDM*                       github.com/dewanshrawat15/nptel-downloader
- A python CLI based downloader to download lecture videos from NPTEL Course pages.

**Polydian** | *MongoDB, ExpressJS, ReactJS, NodeJS*            github.com/users/dewanshrawat15/projects/1
- A web app where a user can enter the URL of the website of which the note has to be generated and the website is summarised and a note is created.

**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%

## Voluntary Experience

**Organiser**                                                                    November 2020
*Ode to Code*                                                                *odetocode.devfolio.co*
- In a span of 20 days, planned and organised a hackathon in which 75 teams all over India participated.

**Lead**                                                                    August 2020 - July 2021
*GDSC BVP Pune*                                                                  *dscbvppune.co*
- 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.

**Core Team Member**                                                     February 2019 - July 2020
*GDSC BVP Pune*                                                                  *dscbvppune.co*
- 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.

**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.