

# DEEPAK KUMAR

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## EDUCATION

### Yeshwantrao Chavan College of Engineering

B.E in Information Technology, GPA: 8.52/10

Nagpur

Expected 2021

- MOOCs: React.js and React Native by Frontend Masters, Web Development Specialization and Deep Learning Specialization by Coursera

## EXPERIENCE

### Canvasbird (Open source)

Developer and Maintainer

July 2020 - Present

- Collaborated to develop an interactive web board for the teachers with features to upload notes, use different pen tools and, the paper board for explaining any concept.
- Responsible for creating new issues as per requested features by the users, reviewing pull requests and helping the new contributor to make successful contribution to the project.

### KDE

Google Summer of Code Student

May 2020 - August 2020

- Worked on the GCompris project to implement multiple datasets design to 11 of the GCompris activities.
- Fixed bugs, refactored code and implemented the algorithms to support multiple datasets without any regression.

### CircuitVerse

Google Code In Mentor

December 2019 - January 2020

- Mentored over 100 high-school students by creating engaging tasks that helped to developed interest and solve challenging issues by contributing to the organization.

### Yeshwantrao Chavan College of Engineering

Programming Club Lead Member

August 2019 - Present

- Took lectures on various data structures and algorithms concepts.
- Organized workshops on Web Development, Google Assistant, and other various technical skills.

## PROJECTS

### Reddit Flare Detector

April 2020

- Developed a web app using Flask to predict flare of the input URL.
- Deployed a machine learning model in the backend with an accuracy of 0.73 on the Reddit Datasets to predict a flare of 11 different kinds of posts. Scrapped the data for the model using the PRAW library.

### Android Malware Detection through APIs

December 2019

- Undertook a comparative study of potential classification tools on the problem of classification of Android Apps as Malicious/Non-Malicious by multiple benchmark datasets.
- Implemented a machine learning model with 60 percent+ accuracy to classify as benign/malware by performing static analysis of 500+ APKs.

### Blog Web App

June 2019

- Developed a Web App using Django.
- Implemented user-authentication features (login/logout). Also added features to create a profile, post a blog, delete and update the post.

## ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

- Selected as a research intern summer internship student at **IIIT Delhi**.
- Got selected as a **Season of KDE** student developer among top 2 students.
- Won 2nd prize among top 10 teams at Innovation Management Leadership Program (IMLEAP) organized by **Siemens Healthineers**.
- Achieved rank 3999 in **Google Hash Code 2019**.
- Selected as a member for **Innovation Student Council** at Yeshwantrao Chavan College of Engineering based on high-achieving and technically strong undergraduate students.
- Organized a workshop on AI/ML during the departmental technical fest with more than 50 participants.

## TECHNICAL SKILLS

- Programming Skills: C/C++ , Python, JavaScript
- Others: React.js, React Native, Django, Flask, Git, Machine Learning