# KAUSTUBH KEKRE

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https://kaustubhkekre.github.io

## EDUCATION

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|---|---|
| **DJ SANGHVI COLLEGE OF ENGINEERING, MUMBAI** | **2017-2021** |
| BE Computer Engineering | CGPA 9.86 |
| **HILL SPRING INTERNATIONAL JUNIOR COLLEGE** | **2017** |
| HSC Vocational: Computer Science | 86.7% |
| **HOLY ANGELS' SCHOOL** | **2015** |
| CBSE 10TH | CGPA 10 |

## SKILLS

**Programming Languages / Tools:** Java, C, Python, Javascript, SQL, Android (Java), Firebase, NodeJS, ExpressJS, Git, XML, HTML, CSS, Android Studio

## EXPERIENCE

**TATA CONSULTANCY SERVICES – Project Intern**          **December 2019 - February 2020**
- Designed, developed and deployed a project for predicting customer churn in the telecom sector
- Technology: Spring framework and Machine Learning using Python
- Project Completion Certificate: Certificate Link

**PROTREX – Software Development Intern**          **October 2019 - December 2019**
- Developed an efficient job scheduling algorithm to distribute and execute computationally expensive jobs on Raspberry Pi based homogeneous and heterogeneous clusters used in healthcare applications
- Technology: Python, Raspberry Pi

**UDAYAN SOLUTIONS – Web Development Intern**          **August 2019 - October 2019**
- Designed and developed the company website and also helped in its hosting and search engine optimization
- Technology: NodeJS, Heroku

**DJ UNICODE – Android Development Mentee**          **September 2018 - July 2019**
- Built an android app that helps teachers to maintain student's attendance records and the students to keep a track of their attendance (being used in Computer Engineering department of DJ Sanghvi College of Engineering)
- Technology: Android Studio (Java)
- App: Play Store Link
- Project: GitHub

## PROJECTS

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| **NewsBhandar** (Android App for news viewing) | Project: GitHub |
| **Virtual Farmer** (Android App for farming guidance and irrigation planning using IoT) | Project: GitHub |
| **TheWeatherApp** (Android App for weather prediction using OpenWeatherMap API) | Project: GitHub |
| **MoneyManager** (Android App for money management guidance) | Project: GitHub |
| **PotholeDetector** (Detection of potholes on Indian Roads using Object Detection algorithms) | Project: GitHub |
| **ImageCaptioning** (Generating Captions from Images using Deep Learning) | Project: GitHub |
| **QuizContest** (Quiz game with GUI using C language) | Project: GitHub |

## PUBLICATIONS

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| **Virtual Farmer - Real Time Crop Prediction and Automatic Irrigation System** | **IEEE ICCCNT 2020** |
| (Publication Pending) | IIT Kharagpur |
| **IoT and ML based Smart System for Efficient Garbage Monitoring** | **IEEE ICSSIT 2020** |
| (Publication Pending) | FXEC, Tamil Nadu |

## AWARDS AND ACCOLADES

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| 3rd prize at **CodeShastra 6.0 Hackathon** at DJ Sanghvi College of Engineering, Mumbai | **March 2020** |
| Won the **Lines Of Code 2.0 Hackathon** at DJ Sanghvi College of Engineering, Mumbai | **February 2020** |
| Placed amongst top 10 in **KJSCE Hackathon** at KJ Somaiya College of Engineering, Mumbai | **October 2019** |

Received **Governor's Award** in Bharat Scouts and Guides
Won Silver Medal in **Homi Bhabha Young Scientist** Exam

## EVENTS

Participated in DJ LOC 1.0 and 2.0, TSEC Hacks and CodeStorm, DJ CodeShastra 5.0 and 6.0 hackathon
Attended a workshop on Internet of Things (IoT) September, 2018
Attended Unicode Workshop on Website Development (Python-Django) February, 2018