

**Address:** D-504, Swapnalok Apartments, Andheri (East), Mumbai 400 069

**LinkedIn:** [linkedin.com/in/KaustubhKekre](https://www.linkedin.com/in/KaustubhKekre)

**Website:** [kaustubhkekke.github.io](https://kaustubhkekke.github.io)

**Mobile:** +91-9699447379

## EDUCATION

### DJ SANGHVI COLLEGE OF ENGINEERING, MUMBAI

BE Computer Engineering

**2017-2021**

CGPA 9.88

### HILL SPRING INTERNATIONAL JUNIOR COLLEGE

HSC Vocational: Computer Science

**2017**

86.7%

### HOLY ANGELS' SCHOOL

CBSE 10<sup>TH</sup>

**2015**

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, with a web based frontend
- 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

**NewsBhandar** (Android App for news viewing using News API and firebase authentication)

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 using firebase firestore)

Project: [GitHub](#)

**PotholeDetector** (Detection of potholes on Indian Roads using YOLOv3 and YOLOv4)

Project: [GitHub](#)

**ImageCaptioning** (Generating Captions from Images using Deep Learning (InceptionV3))

Project: [GitHub](#)

**QuizContest** (Quiz game with GUI using C language)

Project: [GitHub](#)

## PUBLICATIONS

**Pothole Detection and Dimension Estimation System using Deep Learning**

**IEEE IVCNZ 2020**

*Electronic ISBN: [978-1-7281-8579-8](#)*

Victoria University of Wellington, New Zealand

**IoT and ML based Smart System for Efficient Garbage Monitoring**

**IEEE ICSSIT 2020**

*Electronic ISBN: [978-1-7281-5821-1](#)*

FXEC, Tamil Nadu

**Virtual Farmer: Real Time Crop Prediction and Automatic Irrigation System**

**IEEE ICCCNT 2020**

*Electronic ISBN: [978-1-7281-6851-7](#)*

IIT Kharagpur

## AWARDS AND ACCOLADES

Qualified **Graduate Aptitude Test in Engineering (GATE) 2021**, organised by IIT Bombay, Scorecard: [Scorecard Link](#)

3<sup>rd</sup> 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 JPMC Code for Good 2020, DJ LOC 1.0 and 2.0, TSEC Hacks and CodeStorm, DJ CodeShastra 5.0 and 6.0.