

# Aniket Kaulavkar

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## Education

Present	<b>PES University</b> , 5th Semester, B.Tech in Computer Science Engineering (2017-21)	CGPA 9.22/10
2017	<b>HAL Public School</b> , 12th Grade - CBSE	95.8%
2015	<b>The Frank Anthony Public School</b> , 10th Grade - ICSE	94.67%

## Technical Skills

<b>Programming</b>	JavaScript, C/C++, Python, Docker
<b>Web/App</b>	NodeJS, React, ReactNative, Android Java, Firebase Cloud Functions, ExpressJS, Django, HTML
<b>Database</b>	mongoDB, neo4j, Firebase Firestore, MySQL, PostgreSQL
<b>Hardware</b>	Verilog, Raspberry Pi

## Experience & Projects Undertaken

### Advert-free Radio Bangalore, India

DEVELOPER

2017

- <https://github.com/aniketnk/advert-free-radio>
- Advert-free-radio is a script that takes a live radio stream and replaces annoying advertisements by music similar to what was streaming before using a prediction algorithm.
- **Placed Third in PESU's annual Hackathon #Code2k17.** The Hackathon was conducted by Microsoft Innovation Labs.

### Alcoding Club Web Portal

PES University, Bangalore

TECHNICAL LEAD

June 2018 - Present

- <https://github.com/aniketnk/alcoding-web-portal>
- Alcoding Club is the Algorithms + Coding Club of PES University.
- Built a web application built using **MERN (MongoDB, Express.js, React.js, Node.js)** full-stack framework.
- Assignment submission, evaluation, contest ranking, online judging for students and professors.

### Cloud Computing And Big Data Lab

2019 (Ongoing)

INTERN

PES University

- Worked on **bench-marking Neo4j**, a graph database, using Yahoo Cloud Service Bench-marking and LDDB Benchmark.
- Currently working on **optimizing Neo4j**, and other graph databases to run on **multiple CPUs**.

### PESU Innovation Labs

2018

INTERN

PES University

- Interned at PESU Innovation Lab, formerly funded by Microsoft.
- Built an **Android** application to help aid patients suffering from Alzheimer's disease and their caretakers.
- Technologies used: **Android Java, Unity Game Engine, Google APIs and Amazon Cloud services**.

### Prakalpa Voting Portal

Feb 2019

TECHNICAL HEAD AND DEVELOPER

PES University

- Prakalpa is an annual exhibition of projects by the students of PESU.
- Built a web app, with its front-end developed using Pure Vanilla JS and back-end using Firebase Cloud Functions, to provide a voting system for the event.
- Technologies used: **JavaScript, HTML5, Bootstrap, Firebase Cloud Functions and Firestore**.
- <https://vote4prakalpa.pes.edu/>
- <https://github.com/aniketnk/prakalpa-voting-app>

## hashCode2k18 App

PROJECT LEAD AND ORGANIZER

2018

Microsoft Innovation Labs, PESU

- hashCode2k18 is an annual hackathon hosted by Microsoft Innovation Labs, PESU.
- Built a **React-Native app(Android + iOS)** to automate registration and food coupon system.
- App also shows schedule and countdown for the hackathon.
- Google Play Store link
- <https://github.com/aniketnk/hashCode2k18>

## Circular Queue in Hardware

PROGRAMMER

2018

PES University

- Implemented Circular Queue in hardware as a project for Digital Design Computer Organization Lab.
- Coded in **Verilog**, a hardware description language used to model electronic systems.
- <https://github.com/aniketnk/circular-queue-verilog>

## Epsilon '18

ORGANIZING COMMITTEE

Bangalore, India

Apr. 2018 - March 2018

- Epsilon is an Inter-collegiate science-techno fest organized in PES University.
- Developed a script in Google Apps Script to generate TeamID in Google Sheets using Script Editor.
- Wrote a python script to mail merge emails along with TeamID using Gmail API.
- Reduced manual labour by automating the generation of College Address List.
- Organizer for Crisis Management.

## Open Source

STUDENT DEVELOPER

- Active member in the open source community.

## Competitive Coding

PROGRAMMER

- Active participation in competitive coding.
- Languages: C++, Python.

# Extracurricular Activity

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## The Ugly Indian

VOLUNTEER/ORGANIZER

Bangalore, India

Since 2016

- The Ugly Indian is a movement that inspires Indians to rather take action on cleanliness of the neighborhood than crib about it.
- Participated in many black spot cleanups in and around Indiranagar.
- Carried out many TUI inspired events to make the neighborhood more livable.

# Competitive or Recreational Hobbies

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## Brazilian Jiu Jitsu

GRAPPLER

2014 - 2016

- Brazilian jiu-jitsu is a martial art and combat sport system that focuses on grappling and especially ground fighting.
- Competed in SubContinental tournament (2015) in the 60kg category competing against people from all over India.

## Cycling

ENTHUSIAST

- Weekend rides.
- Participated in Vodafone Cycling Marathon 2014.
- Completed a ride from Bangalore to Kolar and back - 146km (August 2018)

**Other Hobbies**

- Table Tennis
- Music - Guitar