

# Anurag Singh

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## EDUCATION

### NMIT BENGALURU

B.TECH IN INFORMATION

SCIENCE

2016-Present | Bengaluru, India

Current CPI: 7.9/10

### S.D. VIDYA MANDIR

INTERMEDIATE/+2

Grad. May 2015 | Panipat, India

CBSE: 80.16/100

## MOOCS

### NPTEL

INTRODUCTION TO MODERN  
APPLICATION DEVELOPMENT

Feb 2018 - Apr 2018

## LINKS

Github:// [ashleymavericks](#)

LinkedIn:// [ashleymavericks](#)

Twitter:// [@ashleymavericks](#)

Medium:// [@ashleymavericks](#)

Quora:// [Ashley-Mavericks-1](#)

## PUBLICATIONS

### AR-PiZERO - Augmented Reality for IoT

AR-PiZero is a SparkAR application which provides a complex GPIO pins schematic of Electronic Boards like Raspberry Pi Zero in a very simple and immersive AR experience across all platforms using Facebook Camera.

## SKILLS

### PROGRAMMING

- Languages - C, C++ (Proficient), Java (Intermediate), Python (Intermediate), JavaScript (Intermediate),  $\text{\LaTeX}$
- Web App Dev - CSS, HTML5, AMP-HTML, Flexbox, JavaScript, SQL, MongoDB, Node.js, Express.js
- Platforms and Tools - Unity, SparkAR, NodeMCU, Raspberry Pi, GCP, AWS Lambda, DialogFlow, TensorFlow, Firebase, ASK (Alexa Skills Kit)

## PROJECTS

### AUGMENTED REALITY APPLICATION DEVELOPMENT | ARC

Nov 2016 - Dec 2016 | Bengaluru, India

- ARC is an Augmented Reality SmartCity application which provides 3 different modules focuses on providing AR navigation along with interactive maps with 3D object rendering of tourist attractions and smart advertisements.

### AUGMENTED REALITY STEGANOGRAPHY | ARSTEG

Mar 2017 - Apr 2017 | Ahmedabad, India

- ARSteg is a novel steganography tool that uses Augmented Reality technology for encrypting images.
- Implemented new approach to the steganography domain which does not change any properties of the image and that makes it impossible to crack the message behind image without the right application and authentication.
- Indian Space Research Organisation (ISRO) selected the project for further development.

### BLUETOOTH LOW ENERGY IMPLEMENTATION | HOSPITAL NAVIC

Mar 2018 - May 2018 | Bengaluru, India

- Hospital Droid is a assistant app which communicate with BLE beacons network within building and provides an indoor navigation system to navigate through the various facilities available in the Hospital.
- The app provides tracking and context based live notifications according to user's current location.

### GIS BASED LAND ENCROACHMENT SOLUTION | GEO ASSISTANT

Jan 2019 - Present | Odisha, India

- A mobile-focused multilingual voice-based chatbot that provides an interface for respective HUDD bodies to update data insights on Encroached Govt. Lands and Unauthorized Construction which can be queried using the app.

## WORK EXPERIENCE

### HACK CLUB - APAC REGION

CLUB FOUNDER | LEADER

Oct 2019-Present | Bengaluru, India

- Conducted weekly workshops on Web Technologies for 100+ club members.
- Organised HackBout, a National Level Hackathon along with the collaboration of Major League Hacking (MLH).

## AWARDS

2019	Winner	Professional Track of Big Bot League at Infosys , Bangalore
2019	19 <sup>th</sup> / 3397	BTS Global Hackathon , organised by Govt of Karnataka
2018	Top 7 Finalist	Rakathon 2018, organised by Rakuten India
2018	Top 10 Finalist	Pune Smart City Hackathon , organised by NITI Aayog
2018	Winner	Theme Winner "Housing and Urban" of Smart Odisha Hackathon
2017	2 <sup>nd</sup> runner up	Smart India Hackathon at GTU, Ahmedabad (Indian Space Research Organisation   ISRO)
2017	2 <sup>nd</sup> runner up	India Smart Grid Hackathon at NSIT , New Delhi ("Appathon" category , India Smart Grid Week   ISGW)