Anurag Singh

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EDUCATION

NMIT BENGALURU
B.Tech In Information Science
2016-Present | Bengaluru, India
CGPA: 8.1/10

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**
DEV:// **@ashleymavericks**

PUBLICATIONS

AR-Pi ZERO - Augmented Reality for IoT
AR-Pi Zero 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), Python (Intermediate), JavaScript (Intermediate), SQL, LaTeX
• **Web App Dev** - CSS3, HTML5, AMP-HTML, Flexbox, JavaScript, MongoDB, Node.js, Express.js
• **Platforms and Tools** - Unity, SparkAR, Docker, NodeMCU, Raspberry Pi, GCP, AWS Lamda, DialogFlow, TensorFlow, Firebase, ASK (Alexa Skills Kit)

PROJECTS

AUGMENTED REALITY STEGANOGRAPHY | ARSteg
Mar 2017 – Apr 2017 | Ahmedabad, India
- ARSteg is a novel steganography tool that uses AR for encrypting secret messages behind images, incubated by Indian Space Research Organisation
- 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.

BLUETOOTH LOW ENERGY IMPLEMENTATION | Hospital NAVIC
Mar 2018 - May 2018 | Bengaluru, India
- A mobile app which communicate with BLE beacons network within hospital building and provides an indoor navigation system to navigate through the various facilities, along with asset tracking and context based live notifications.

GIS BASED LAND ENCROACHMENT SOLUTION | Geo Assistant
Jan 2019 - Mar 2019 | 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.

A CONVERSATIONAL AI | Dietary Care
April 2020 – July 2020 | Bengaluru, India
- A voice-based chatbot that helps the user in selecting food products taking into account their food allergies, on being asked if user is allergic to the product they are buying "bot raises a red flag", back-end powered by a custom REST API.

WORK EXPERIENCE

HACK CLUB NMIT - Club Founder | Leader
Oct 2019 - Aug 2020 | Bengaluru, India
- Conducted weekly workshops on Web Technologies for 200+ club members.
- Organised **HackBout**, a National Level Hackathon in collaboration with GitHub, Hack Club and IBM with a footfall of 300+ hackers.

BITGRIT INC. - Artificial Intelligence Consultant | Intern
May 2020 - Aug 2020 | Bengaluru, India
- Worked on drafting and compiling AI proposals and use cases and for big players in different industries (Oil and Gas, Telecommunications, etc.)
- Blending given information, developing models, and providing solutions with an understanding of state-of-the-art Artificial Intelligence and Machine Learning.

AWARDS

Year	Result	Description
2020	Winner	MacBook Air Grant awarded by Tom Werner, GitHub Co-founder
2019	Winner	Professional Track of Big Bot League at Infosys , Bangalore
2019	19th / 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	2nd runner up	Smart India Hackathon 2017 at GTU, Ahmedabad under ISRO
2017	2nd runner up	"Appathon"	India Smart Grid Hackathon at NSIT, New Delhi