

# Naveen Krishna Botta

## CAREER OBJECTIVE

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Seeking employment that fuels my urge towards programming to grow professionally, while being able to testify my skills for the organization, with the best of my dedication and determination.

## CONTACT

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### Address

211, Old Boys Hostel, IIIT  
Hyderabad, Gachibowli,  
Hyderabad. 533201

## TECHNICAL SKILLS

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Python

Java

Data Structures and Algorithms

Android

MEAN Stack Development

## WEB PRESENCE

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**GITHUB:** nemnous

**LinkedIn:** Naveen Krishna Botta

**Stack overflow:** nemnous

## ADDITIONAL SKILLS

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- Team Leadership
- Organization and Prioritization
- Tolerant and Flexible
- Strategic Planning

## PROJECTS

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**Project Name:** Gesture Based Mouse Control

**Role:** Team Lead

**Technology Used:** Open CV Image Visualization

- This project proposes a novel camera vision-based cursor control system, using hand gestures captured from a webcam through a colour detection technique. The system will allow the user to navigate the computer cursor using the hand bearing colour caps or tapes and left click and dragging will be performed using different hand gestures.

**Project Name:** Ekkadunnav

**Role:** Team Lead

**Technology used:** Android, Firebase Database, Google Map API

- Our Application brings your family and friends closer with smart features designed to keep track of their location in real-time. Its ease of interface and invite-only circle makes users to get used to the app in no-time. We used Firebase Auth API to authenticate the user in a safe and encrypted way and Firebase Database to store the user details and related information. We took advantage of the google maps API to mark all the location of the group members in real-time.

**Project Name:** Minutiae based fingerprint Algorithm

**Role:** Team Lead

**Technology Used:** Image Processing using MATLAB

- In this Project first, Fingerprint image is enhanced using Fast Fourier Transform and converted to binary image for further processing. In the second stage, image is thinned and minutiae are extracted. Finally, minutiae pairs of two fingerprints are matched to get matching score.

## EDUCATION

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**Master of Science in Information Technology**

IIIT Hyderabad, 2018 - Present

**Bachelor of Technology**

Electronics and Communication Engineering

GITAM University, 2014 – 2018

**Intermediate**

Sasi Junior College, 2012 – 2014

**SSC**

Sir C.V Raman Public School, 2011 – 2012,

## EXTRA-CURRICULAR ACTIVITIES

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- Participated in special camp on the theme Children Education conducted by MOZILLA HIVE INDIA.
- Active member of National Service Scheme (NSS) and participated in Special Campus and Events.
- Participated in Hacktober fest 2018 conducted by GitHub and Digital Ocean at IIIT Hyderabad.

## ACADEMIC ACHIEVEMENTS

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- Attended International Conference Meet-2015 on MICRO-ELECTRONICS, ELECTROMAGNETICS AND TELECOMMUNICATIONS held at GITAM University, Visakhapatnam.
- Achieved 22<sup>nd</sup> position in MILLENIUM APTITUDE TEST-2016
- Participated in iSquareR (2016, 2017), a two day national fest conducted by IETE Student Chapter, GITAM University, Visakhapatnam.
- Presented a Mini project on LIGHT SENSING CIRCUIT in TECHNITUDE under IEEE Student Branch of GITAM University, Visakhapatnam.