

# Ravi Teja V

3RD YEAR COMPUTER SCIENCE UNDERGRADUATE

JC Ruby Apartments, Nagarabhavi 2nd Stage, Bangalore

☎ (+91) 9538405663

| ✉ [raviteja99866@gmail.com](mailto:raviteja99866@gmail.com)

| 🌐 [ravitejav.github.io](https://www.github.com/ravitejav)

| 📄 <https://www.github.com/ravitejav>

| in

<https://www.linkedin.com/in/ravi-teja-v-312567148/>

## Education

### UVCE (University Visvesvaraya College of Engineering)

B.E. IN COMPUTER SCIENCE AND ENGINEERING | PERCENTAGE UNTIL 5TH SEM 73.5

*K R Circle, Bangalore*

*Aug. 2015 - PRESENT*

### Nalanda PU College

P.C.M.C PUC | PERCENTAGE 83

*Vijaynagar colony, Bellary*

*Jul. 2013 - 2015*

### Sri Krishnadevaraya Educational Society

SSLC | PERCENTAGE 73.5

*Hosalli camp, Sindhnoor*

*Jun. 2010 - 2013*

## Relevant Coursework

DATA STRUCTURES • ALGORITHMS • INTERNET OF THINGS • OPERATING SYSTEM • COMPUTER NETWORKS • DATABASE

MANAGEMENT • OBJECT ORIENTED PROGRAMMING WITH C++

## Technical Skills

### Languages:

C | C++ | PYTHON

### Web Development Languages and Framework:

HTML | CSS | PHP | JAVASCRIPT | DJANGO | LARAVEL

### Software and Utilities

GIT | VI | PYCHARM | ATOM

## Certifications

- Internet of things Certified by Collabera Tact
- Python Certified by Udemy

## Research

### Routing Protocol Optimization on Internet Of Things with reliability.

*Journal, On Communication*

WE EXPLORED THE IDEA OF USING THE HIERARCHICAL LEAST COMMON ANCESTOR( NETWORKING PAIRED WITH LEAST COMMON ANCESTOR) ALGORITHM FOR NETWORKING BETWEEN SENSOR NODE USING THE HELP SUPER NODES.

*Jan. 2018*

### Optimization of data transfer through sensor nodes in Internet Of Things

*Conference, In Progress*

WE USED THE CONCEPT OF TRI-SPIRAL NETWORK TO CONSTRUCT THE NETWORK OF SENSOR NODES AND SUPER NODES, THE DATA TRANSFER OPTIMIZATION IS DONE WITH THE HELP OF THE ANT COLONY OPTIMIZATION ALGORITHM TO TRANSFER DATA AS FAST AS POSSIBLE IN BETWEEN SENSOR NODES WITH HELP OF SUPER NODES.

*Apr. 2018*

## Projects

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### Web Scrawling through all links of single domain and collecting all links

Apr. 2018

THIS PROJECT TO CRAWL TO LINKS THAT IS PRESENT IN GIVEN DOMAIN AND COLLECTING LINKS AND CRAWLING ALL OTHER LINKS WHICH ARE COLLECTED LINKS DATABASE

Feb. 2018

### MVC framework for PHP

In Progress

THIS IS THE MODEL, VIEW AND CONTROLLER FRAMEWORK TO CONTROL OVER THE WEBSITE FOR PHP LANGUAGE AND EASY TO MAINTAIN DATABASES, FILES AND MORE

Jan. 2018

### Student Management

May. 2018

A WEB APP TO MANAGE THE STUDENT AUTHENTICATION, PAYMENT PROCESS, NOTIFICATIONS AND MORE OVER INTERACTION WITH ADMINISTRATOR FOR COMPLAINTS DEVELOPED WITH DJANGO FRAMEWORK.

Apr. 2018

### Crime File Management

Apr. 2017

A WEBSITE TO MANAGE CRIMINAL RECORDS, DETAILS OF EVERY CRIMINAL AND WITNESS AMONG ALL POLICE STATIONS REGISTERED AND SHAREABLE CONTENT BETWEEN ALL REGISTERED USERS USING PHP.

Feb. 2017

### Hospital Management

Mar. 2017

A WEBSITE TO MANAGE ALL MEDICAL REPORT LIKE X-RAY, MRI SCANNING REPORT, ETC UNDER SINGLE IDENTITY OF PATIENT, DETAILS OF THE PATIENT IS SHAREABLE WITH THE REGISTERED DOCTOR FOR THE PATIENT USING PHP.

Jan. 2017

### Insurance management

May. 2018

CONTRIBUTED TO INSURANCE POLICY WEB APP TO MANAGE THE CUSTOMERS CONTACT WITH AGENT, PAYMENT PROCESS BY THE CUSTOMER AND NOTIFICATIONS TO CUSTOMERS USING DJANGO.

Apr. 2018

## Extra-curricular activities and Achivements

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- ORGANIZED ENIGMA TECHNICAL EVENT FOR IMPETUS 18.0.
- QUORA AND STACK OVERFLOW READER AND WRITING SOLUTIONS.
- MANY TIMES HELD LEADER POSITION IN PROJECTS.
- STATE LEVEL THROW BALL PLAYER

## Spoken and written

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- English
- Telugu
- Kannada

## Interests

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- Internet of things
- Data Structures and Algorithms
- Programming
- Machine Learning
- Automation