

# Ravi Teja V

3RD YEAR COMPUTER SCIENCE UNDERGRADUATE

JC Ruby Apartments, Nagarabhavi 2nd Stage, Bangalore

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## 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

### Languages:

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

WE EXPLORED THE IDEA OF USING THE HIERARCHICAL NETWORKING PAIRED WITH LEAST COMMON ANCESTOR  
ALGORITHM

Journal, On Communication

Jan. 2018

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

WE USED THE CONCEPT OF TRI-SPIRAL NETWORK TO CONSTRUCT THE NETWORK AND USED ACO TO OPTIMIZE THE  
PATH.

Conference, In Progress

Apr. 2018

## Projects

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### MVC framework for PHP

SELF MVC

*In Progress*

*Jan. 2018*

### Student Management

A WEB APP TO MANAGE THE STUDENT AND PAYMENT PROCESS AND NOTIFICATIONS DEVELOPED WITH DJANGO FRAMEWORK.

*May. 2018*

*Apr. 2018*

### Crime File Management

A WEBSITE TO MANAGE CRIMINAL RECORDS USING PHP.

*Apr. 2017*

*Feb. 2017*

### Hospital Management

A WEBSITE TO MANAGE ALL MEDICAL REPORT LIKE X-RAY, MRI, ETC UNDER SINGLE IDENTITY OF PATIENT USING PHP.

*Mar. 2017*

*Jan. 2017*

### Insurance management

CONTRIBUTED TO INSURANCE POLICY WEB APP TO MANAGE THE CUSTOMERS AND AGENT USING DJANGO.

*May. 2018*

*Apr. 2018*

## Extra-curricular activities and Achievements

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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