

# RAVI VANIYA

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Anand ◇ Gujarat

**HOME PAGE:** <https://ravivaniya4911.github.io>

## EDUCATION

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**Birla Vishvakarma Mahavidyalaya V.V.Nagar**

*August 2015 - Present*

Undergraduate Final Year

Overall CPI: 8.56/10

Department of Information Technology

**Sainik School Balachadi**

*May 2013 - March 2015*

Intermediate/+2

Overall Percentage: 82.8/100

All India Senior School Certificate Examination

**Sainik School Balachadi**

*May 2012 - March 2013*

Matriculation

Overall CGPA: 8.0/10

All India Secondary School Examination

## ACADEMIC ACHIEVEMENTS

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- Was top 5% of Introduction to Modern Application Development Course organized by IIT Madras under NPTEL.
- Was member of winning team of Gujarat State Hackathon 2018 in Industry and Mines Department awarded cash prize by Education Minister.

## TECHNICAL SKILLS

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**Computer Languages**

C/C++, Java, Python, Haskell(ongoing)

**Software & Tools**

LaTeX, IPython Notebooks, Git/Github, Android Studio

**Web Development**

HTML, CSS, Javascript, Python-flask

**Interests**

Artificial Intelligence, Web Technologies

## PROJECTS

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**Slayer exciter Tesla Coil**

October 2015

*Basic Electrical Technology, Dept. of Electrical Engineering*

- A air-cored transformer that steps up a very low DC voltage to a very high AC voltage. This creates an electromagnetic field around the coil that is capable of lighting up fluorescent light bulbs.

**Hostel Management System**

January 2016 - April 2016

*Web Portal, Dept. of Information Technology*

- Designed a web application for hostel management.
- Front-end in HTML/CSS using Bootstrap framework and Back-end in PHP.

**DNA Data Storage**

September 2017 - December 2017

*Research report, Dept. of Information Technology*

*Guide: Prof. Zankhana Shah*

- A report which tells about data storage in segments of DNA.
- Currently, research done by Microsoft Inc.

**Student Information System**

January 2018 - April 2018

*Android application, Dept. of Information Technology*

*Guide: Prof. Chintan Mahant*

- Worked in a team of four people and came up with a system for collecting basic information about students.
- Helps in proper tracking of passed out students and also reduced paperwork in counselling sessions.

## EXPERIENCE

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### **Milestone Technoconsulting Pvt. Ltd., Ahmedabad**

June 2017

*Summer Intern*

- Developed a simple Microsoft Access based application for kitchen management.

### **Hasura Technologies Pvt. Ltd., Bengaluru**

December 2017 - February 2015

*Summer Development Fellow*

- Contributed to two open source boilerplate @hasura/hub for reactjs-flask.
- Awarded Certificate of High Performing Intern among 400 for contributing in community.

## KEY COURSES UNDERTAKEN

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### **Core Courses**

Computer Networks  
Database Management System  
Data Structures and Algorithms  
Computer Organization  
Operating System

### **Other Courses**

Vector Calculus & Linear Algebra  
Economics and Management  
Environment and Health  
Microcontroller and its application(ongoing)

## POSITION OF RESPONSIBILITY

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### **House Academic Captain**

*Shivaji House*

August 2014 - March 2015

*Sainik School Balachadi*

- Was responsible for co-ordinating all academic related activities like Quiz, Debate.
- Were winner in Cultural and Debate competition.

### **Event Manager**

*Maphorlfe, Udaan*

April 2018

*Birla Vishvakarma Mahavidyalaya*

- Organized a event based on Google map.
- Was one of the unique and interesting event of Udaan 2k18.

## EXTRA-CIRRICULAR

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- Member of ISTE Student's chapter
- Team lead, Laptop department at BAPS Swaminarayan Chatralay(APC)
- Lifetime BAPS Volunteer