

RAVI VANIYA

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C-261 ◇ BAPS Swaminarayan Chatralay ◇ V.V.Nagar 388 120

Anand ◇ Gujarat

HOMEPAGE: <https://ravivaniya4911.github.io>

EDUCATION

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

- 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

Computer Languages

C/C++(Proficient), Java(Familiar), Python(Proficient), Haskell(Familiar)

Software & Tools

LaTeX, IPython Notebooks, Git/Github, Wamp server, Android Studio

Web Development

HTML, CSS, Javascript, PHP, Python-flask

Interests

Artificial Intelligence, Web Technologies

PROJECTS

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

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 2018

Product 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

Core Courses

Computer Networks
Database Management System
Data Structures and Algorithms
Operating System

Other Courses

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

POSITION OF RESPONSIBILITY

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

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