

## EDUCATION

### Indore, Madhya Pradesh, India

### SGSITS Indore

- Bachelor of Engineering (B.E.) – Electronics and Telecommunication Engineering from SGSITS, Indore. CGPA: 7.34/10 (Current) May 2019 (Expected)
- Higher Secondary Education – R D Public School, Betul. 93.20%. May 2014
- Secondary Education – R D Public School, Betul. CGPA: 9.2/10. May 2012

## SCHOLASTIC ACHIEVEMENTS

Among the **1264 student** that are selected worldwide for **Google Summer of Code 2018** program under organization Sofa-Framework.

- Top 2% in CBSE 2014 among 1 million students.
- Top 91 percentile in Qualitative aptitude and 99 percentile in Quantitative Aptitude, in PSA by CBSE.
- Regular competitive programmer with 90+ percentile in C++, C and Python on Hackerearth with an overall rating of 1305.

## WORK EXPERIENCE

### Google Summer of Code

### SOFA-Framework

April 2018 – Present

- Integrated VRPN protocol into communication plugin to send and receive data inside SOFA-Framework.

### Backend Developer Intern

### NAXAP

August 2017 – October 2017

- Based on Python library “Scrapy”, this project implements several crawlers for different torrent and websites.
- Extracted Data using XPath and CSS Selectors and integrated methods to bypass CloudFlare challenges.

### Data Analyst Intern

### GoFind.ai

July 2017 – August 2017

- Regular tasks involved validating data for training classifiers.

## TECHNICAL KNOWLEDGE

### Projects

- **Public Sanitation** – Django based Web Application developed on top of GoogleMaps API - Real time feedback system built using AJAX and JQuery integrated with Back-End - Admin panel which displays usage statistics in the form of graph using ChartJS.
- **Python-OCR** – Processed image using OpenCV and Numpy and extracted text using tesseract engine OCR.
- **Sentiment Analyzer** – Sentiment Analyzer using TensorFlow, NLTK and Numpy with an accuracy of 96.18% - NLTK is used to lemmatize .txt file and create lexicon
- **Zealer: Mini-YouTube** – Developed minimal JavaScript ES6 and JSX code supports real-time loading enhanced - Implemented Youtube-API which fetches data from Youtube asynchronously.

## POSITIONS OF RESPONSIBILITY

- **Technical Lead, Codefoster** – Club organizes competitive contests and programming events like workshops and coding sessions regularly.
- **Coordinator, E-Cell SGSITS** – Member of Entrepreneurship Cell of college. Actively involved in Event-planning, Graphics-designing and sponsorship for events.

## SKILLS AND TECHNOLOGIES

- **Programming** – C++/C, Python, MATLAB, MYSQL, Javascript, BASH
- **Development** – QtCreator, HTML/CSS (with Bootstrap), Django, ReactJS, Adobe Photoshop, Adobe Illustrator
- **Software Skills** – Git(VCS), Cmake, AWS, Eagle, Proteus, GNU Octave, Xilinx