

## EDUCATION

---

**SRM UNIVERSITY**

B.Tech CSE , 7.92 CGPA

**LIONS PUBLIC SCHOOL**12<sup>TH</sup> 85.57 % | 10<sup>TH</sup> 10.0 CGPA**NCR CAMPUS**

2016-PRESENT

**GURUGRAM**

2015-16

## SKILLS

---

**Languages**

C • C# • C++

• Java • Kotlin

• Bash • XML

**Libraries & Frameworks**

PICASSO • FIREBASE VISION

HUGO • VOLLEY • EXPRESS

• TESSERACT • MONGOOSE

• OPENCV

**General Tools**

GIT • MYSQL

• MongoDB

• Android Studio

**Webdev**

HTML • CSS • Javascript

• Node.js

## INTERNSHIPS

---

**TWINLINE BUSINESS SOLUTIONS (GURUGRAM)**

Dec-Jan(2019)

- Developed an **Aadhar UID Identification (OCR) App** for the KYC segment, that **accurately identifies** the Aadhar UID from the captured image and uploads the **validated lossless compressed image** to the server.

- Used **Google Vision API** as to implement the OCR functionality and **Compression library** to make **lossless compression upto 89%** for the image upload on servers.

**RESEARCH PIXIE (GURUGRAM)**

Jun-Aug (2018)

- Developed and Deployed their website ([WWW.RESEARCHPIXIE.COM](http://WWW.RESEARCHPIXIE.COM)) leading from its **UI/UX development** to successful **backend implementation**.

- Created a backend module application for company employees to access the whitepapers and research papers using **Node.js as business layer** and **MongoDB** as database.

**Alibaba UC Ads (GURUGRAM)**

Jun –Sep (2017)

- Worked as content writer and Digital Marketing Intern, worked on **UC We Media** segment, brainstormed and devised strategies as to how to build initial Traction to the program, and helped in various OFFLINE SEO strategies.

**Kahaniya.com (VIRTUAL)**

Dec 2016 – Jan 2017

- Worked on the organization Launchpad for budding and established writers to publish their content, devised strategies as to how to build the traction and devised **bonus points strategies**

## SELECT PROJECTS

---

**ML Predictions using the Weight Lifting Exercises Dataset**

- Based on a **dataset provide by HAR** trained a predictive model to predict what exercise was performed using a dataset **with 159 features**.

- Concluded that the **rfMod.exclude** model as the best model to use for predicting the test set. Because with an **accuracy of 98.7%** and an estimated **OOB error rate of 0.23%** it outscores other predictive models.

**OCR(Optical Character Recognition) APP**

- An OCR app that provides **ability to read text appearing in the image**, letting app make sense of signs, flyers, page of text etc. that appears as a part of text.

- Integrated **Mobile Vision Text API** providing a reliable capability, set up a Processor to **receive frames from Camera, rendered out that text** to screen at its location, and sending the **received text to Text to Speech engine** to speak it aloud.

### Friendship Compatibility App ( AVAILABLE ON PLAY STORE)

•Friendship Compatibility app lets you test the compatibility with people, it's **highly optimized** and **efficient** **made algorithm** is designed to perfection so as to compute highly **precise Compatibility Score**.

### Interview Preparation App

•A Interview Preparation App ,carrying **comprehensive Data Structure concepts** made with use of **Android Volley,Firestore,Card View and Recycler View and Picasso library** and **Integrating API** provided by **learncodeonline.com**

### Air and Sound Pollution Monitoring System (IOT) using Arduino

•Developed a sound and air pollution monitoring system using **Arduino** and integrated it with the **wifi module** that is in turn connected with the **API GECKO** that i have made, and the **results are displayed on to the webpage**.

## COURSES

---

**COMPUTER SCIENCE:** Data Structures, Operating Systems, Data Warehousing and Data Mining, Programming Paradigms, Digital Systems, Analysis of Data Structures, Computer Architecture, Microprocessors and Peripherals, Theory of Computation, Cryptography ,Cloud Computing, Computer Networks.

**MATHEMATICS:** Discrete Mathematics, Real Analysis, Linear Algebra, Probability

## POSITION OF RESPONSIBILITY

---

### HOD TECHNICAL DEPARTMENT (WE CLUB)

2018-PRESENT

•Spearheading a team of 11 coordinators, leading to successful completion of events, seminars and workshops in **partnership with NIIT and JOSH TALKS**.  
•We have successfully developed and launched **SRM WE CLUB Website** (<https://vedang14.github.io>) and **SRM WE CLUB App** (available on Playstore).

### HEADBOY OF LIONS PUBLIC SCHOOL

2015-2016

•Represented my School at various **State and National Level Competitions** in both **academics and non-academic fields**.  
•Awarded the **Letter of Recommendation** by **TIMES OF INDIA**.

## MISCELLANEOUS

---

### SEO : SUNRISE IVF GURGAON (ON SITE AND OFF SITE SEO)

•Increase site's **overall traffic** by almost **46%** and **reduced bounce back rate by 23%**, carrying all its On Site and Off site SEO, and make it rank in **top 10 for 9 targeted keywords in SERP**.  
•Increasing it's **CTR by 35% overall**.

### SPORTS : STATE LEVEL TABLE TENNIS PLAYER

•**2nd rank**- CBSE TABLE TENNIS CLUSTER TOURNAMENT  
•**3rd rank**- STAG TABLE TENNIS DISTRICT TOURNAMENT

### WEBDEVELOPMENT

•Worked on many Official and Non Official Websites.