

EDUCATION

SRM UNIVERSITY

B.Tech CSE , 8.72 CGPA

LIONS PUBLIC SCHOOL12TH 85.57 % | 10TH 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) 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.