

# Aakash Gupta

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## EDUCATION

### SRM UNIVERSITY

**B-TECH IN COMPUTER SCIENCE**  
 May 2020 | Modinagar, NCR  
 74.5

### THE AARYANS

**12TH STANDARD**  
 April 2016 | Meerut, U.P  
 80.3 PERCENT

## COURSEWORK

### INTRODUCTION TO PYTHON

#### UNIVERSITY OF MICHIGAN

• Variables • Loops • functions • Lists, Tuples etc.

### PYTHON INTERMEDIATE

#### GUVI, IIT MADRAS

Intermediate Python: • Data Structures • Hash Maps • web scraping(self-learned)

### DATA STRUCTURES WITH PYTHON

#### UNIVERSITY OF MICHIGAN

List • Tuples • Strings • Dictionaries  
 Trees • Tries • Graphs • Heaps.

### JAVASCRIPT COMPLETE COURSE

#### GUVI, IIT MADRAS

• Complete javascript

### FULL STACK DEVELOPMENT

#### GUVI, IIT MADRAS

Node.js • Express.js • PostgreSQL  
 MongoDB • Authentication • React.

## SKILLS

### TECHNICAL SKILLS

Proficient with

Data Structures • Algorithms • Python •  
 JavaScript • Node.js • Express  
 PostgreSQL • React • HTML 5 • CSS 3 •  
 MongoDB

### SOFT SKILLS

Outstanding

Motivator • Team Player • Leader

## PROJECTS

### FULL-STACK URL SHORTNER

- Function of this single paged web Application is to take the long URLs and convert them into shorter URLs.
- URL shortner built from scratch in React.js and Node.js
- MongoDB is used for database
- Complete authentication functionality is implemented(including features like forgot password)

### INSTAGRAM ENGAGEMENT TOOL

- Function of this Application is to predict the engagement of an Instagram post (like how many likes will this post get). Another function of this Application is to get the information of the profile (like is the account private or not. Followers and following and display picture.
- Front-end Completely built in React.js and Back-end server is built in Flask
- MongoDB is used for database.

### DECENTRALIZED NETWORK OF BLOCKCHAIN

- This Application is used for asset Transaction between two parties like paypal.
- front developed with html and css , back-end in javascript node.js and express.js.
- Developed API from scratch
- Used cryptographic algorithms like SHA-256 and Proof of Work(PoW)

### BLOG APP

- This is a blog Application where user can read and add their own blogs.
- Complete React based single page Application.
- Back-end in Node.js and Express.js.
- MongoDB is used for Database.

## SMALL PROJECTS

- These projects were built for learning javascript, HTML and CSS

### TIC-TAC-TOE GAME

- Javascript based game of Tic-Tac-Toe
- Used HTML5 and CSS3

### SNAKE GAME

- Basic Snake game built in Javascript
- Used HTML5 and CSS3

### EVERNOTE-CLONE

- Clone of evernote notes Application.
- Built in React.js.
- Fire-base is used for database.