

EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY

B.TECH IN SOFTWARE ENGINEERING

(2014-2018)

CGPA: 7.7, SPI: 70%

HIMALAYA PUBLIC SR SEC SCHOOL

ROHINI, DELHI 110085

HIGH SCHOOL EDUCATION

CLASS 12 BOARD PERCENTAGE: 89.4

CLASS 10 CGPA 8.6/10.0

LINKS

Github:// [katariaaakash](#)

Interviewbit:// [aakashkatariaacoder](#)

Hackerearth:// [aakashkatariaab12](#)

Geeksforgeeks:// [aakashkataria](#)

Spoj:// [aakashkataria](#)

Hackerrank:// [aakashkatariaab1](#)

LinkedIn:// [aakashkataria](#)

Skype:// [aakashkataria13297@gmail.com](#)

PROJECTS

Android

- Unity 3D android plugin, reduces sound lag on unity android.
- Android Games: "Magnet Run" and "Strange String" using Unity 3D, Magnet Run is available on Google Play.
- Developed a Music Player for android with almost all the functionality of stock android Music player.
- Password Saver: store secure credentials in an encrypted format, soon to be uploaded on Google Play Store
- Developed an android app which shows information about various movies.
- Developed a event log interface for android which can show almost all events like screen unlocked, app installed, Power connected, power disconnected etc, soon to be Uploaded on Google Play Store.

Web(Node.js)

- A Info Retrieval for Twitter which takes in queries and form a suitable reply using twitter data(tweets),
- Developed a web application for chatting using node.js.
- A complete Hospital Management System.
- A fully functional online MCQ test Platform, test can be organised on it and people can participate in the test.

ML, NLP, Deep Learning

- Contradiction Finder and Rumours Tweets detector: Finding Contradiction in text.
- Developed a project which can identify author of a piece of text using machine learning.
- Artistic Image style Transfer, a deep neural network was used transfer style from one image to another.
- Numeric digit Image to Numeric Digit using tensorflow, used MNIST dataset.

SKILLS

C, C++, JAVA, Unity 3D, C#(Beginner), Python

Data Structure and Algorithms

Web Development: HTML/CSS/JS(node.js)

Game Development(Unity 3D)

Android App Development(Beginner)

HOBBIES

Competitive Coding, Puzzle Solving, Chess,

Traveling, Crypto-Currency Trading

Internships

Made a virtual mouse which work on principles of computer vision, image processing. it uses a webcam to track the mouse. Done this project under Mr Rahul Gupta, DTU Faculty.

Achievements:

- Full Google Udacity Scholarship for Android Development
- InterviewBit: Work Rank 122, College Rank 2
- Geeksforgeeks: World Rank 48
- Hackerrank(Algorithms): 98th Percentile
- under top 100 ranks in couple of competitive programming challenges

SOME OF COURSEWORK

Algorithm and Design Analysis, Competitive Programming, Database Management System Operating Systems, Compiler Design, Software Engineering, Data Structures, Compute Vision and Compute Graphics