

Akshita Dixit

(+91) 7044304461



SKILLS

Programming: Python | Java | JavaScript | C | HTML | CSS | SQL

Development: Git | Vim | Maven | Hibernate | MySQL | PostgreSQL | Flask | Tomcat | Google Cloud Platform | Heroku

Machine Learning: Tensorflow | Keras | OpenCV | Numpy | Pandas | Matplotlib

EXPERIENCE

Daynil Solutions Pvt. Ltd.

— Java Software Development Intern

JUNE 2021- PRESENT

- Currently interning as a Backend developer.
- Working with Hibernate, Maven and SpringBoot

Summer Research Project, Dr. Sanjoy Pratihari

— Image processing and Computational Geometry intern

MAY 2021- PRESENT

- Implementation of Isothetic Covers of digital objects in a binary image with varying granulation sizes
- Ongoing research to automate no. of vertices, grid size and optimal minimum deviation from the true boundary for an entire dataset of binary images.

Proof of Performance Data Services Pvt. Ltd.

— Project Manager

APRIL 2020- JULY 2020

- An independent company with the largest database of assets across India for the OOH advertising industry supported by auditable, tamper-proof videos hosted on a cloud based platform.
- Managed 9+ projects single handedly. Coordinated with the IT team, HR team, Marketing and Research team and sales team to deliver results.

WERP India Pvt. Ltd.

— Co-Founder

MAY 2019 - SEPTEMBER 2019

- Organisation focussed on Women Empowerment and Research Projects.
- Been a part of the Director Personal Section, representing the CEO in all working groups. Eventually offered the Co-Founder and National Director of Campus Ambassador Leadership Programmes.

EDUCATION

Indian Institute of
Information Technology,
Kalyani (grad. 2023)

B.Tech in Computer Science
and Engineering [GPA: 8.89]

St. Mary's Convent High
School, Kanpur (grad. 2018)

Scored 96.0% in class 12th

Scored 94.4% in class 10th

POSITIONS OF RESPONSIBILITY

Student Representative[Tech]

Elected by the Student body in
College (2019)

OPEN SOURCE

LGM Summer of Code: [🔗](#)

Project Administrator

GirlScript Summer of Code [🔗](#)

Contributed as Participant

Winter of Code 1.0 [🔗](#)

Overall Winner out of 50 teams
and 100+ students

Eddie Hub Community [🔗](#)

Active organisation member

FOSC IIIT Kalyani [🔗](#)

Active organisation member

HOBBIES

Poetry, drawing

LANGUAGES

Hindi, English

AWARDS

PROJECTS

MediCare Prime — AI Doctor [↗](#)

- A menu based multiple chronic disease detection/prediction system which will detect if a person is suffering from a severe disease by taking essential inputs. Built using deep learning and machine learning models in an accuracy range of 85-99% and loss≈0.5%.
- Deployed using Flask 2.0

VCallzer — Anonymous video caller [↗](#)

- Application that lets remote clients connected over the internet communicate over video calls to retain privacy.
- Uses facial landmark detection algorithm from Dlib module and Helen Dataset to sketch out the outline and communicates via sockets in python. Uses pyAudio to transmit audio in AI/robotic voice to conceal the identity of users on either side.

Trackizer — Courier Management and Tracking app [↗](#)

- Maven Java WebApp archetype built as a part of college project
- Uses MySQL for database configuration and JSP for GUI. Uses Apache Tomcat as a server for loading the webapp.

Structurex — Data Structures and Algorithms Visualizer [↗](#)

- A webapp written purely in HTML, CSS and JavaScript
- Includes stack, queue, linked-list and tree implementations along with sorting, searching, path finding and graph algorithms.

Encodn — GUI Desktop App for encoding/decoding tools [↗](#)

- Original idea derived from dcode.fr/en
- Tkinter based Python3 app which includes various puzzle solvers, number games, cryptography tools, modern and historic encoding and decoding techniques.

30 Days of Google Cloud [↗](#)
Skill Badges (total 6)

Winner, Winter of Code [↗](#)
DSC IIIT Kalyani

Winners category Top 15 [↗](#)
Frost Hack 1.0 in the
Education category

IITK-Techkriti MUN [↗](#)
3rd place in the UNSC Council

DPS Model United Nations
Special Mention Award (3rd
place)

School Science Stream
Topper
Class 12th Board Exams

OTHER ACTIVITIES

GDSC IIIT Kalyani: [↗](#)
Management Lead

Hack the Mountains 2.0: [↗](#)
Mentor

Udacity-Suse Scholarship: [↗](#)
Cloud Native Foundations
Course

Uber HackTag: [↗](#)
Qualified to round-2