S H A S H W A T E S H   T R I P A T H I

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EDUCATION

B.E COMPUTER ENGG.	2019-23	Thapar Institute of Engineering and Technology, Patiala	CGPA:9.26
CBSE (Class XII)	2018	Delhi Public School, Siliguri	91.2%
CBSE (Class X)	2016	Delhi Public School, Siliguri	CGPA:9.2

INTERNSHIPS

Software Developer Engineer Intern at Hewlett Packard Enterprise,(June 2022-August 2022)

- The first task of the internship was to design the DB, views, workflow and dataflow of a webapp which was to be used in the ORGI(Office of the Registrar General of India) to automate the assignment of Virtual Machines to different Projects going on in ORGI.

PERSONAL PROJECTS

- **Mansik Meter**

A hardware and software solution for involuntary analysis of user's mental health, by detecting their facial expressions and voice modulation over a specific period .Working on the database and user dashboard

- **Automated Attendance System**

Lead a team of 3+ to create a software solution for automated attendance of employees/students using Facial Recognition through the student's/employee's mobile phone.

- **Keyword Based Photo/Video Downloader**

Created a web based image and video Downloader, that would download the given number of images/videos based on a given keyword.

- **Multi-Processing based Extract Transform and Load**

Created a process of Extraction of data from one DB transforming it and then loading it to another DB with different number of cores, file count and processes to find the best possible process and file count to get the fastest results.

- **OCR Mobile App**

Created a Mobile application for android and ios using Flutter that could recognize text using camera input in real-time and the user could simply copy the recognized text and use it as it pleases the user

ACHIEVEMENTS

- **Finalist at Code For Good organized by JP Morgan Chase & Co. –**It was a 24 hour hackathon where we had to create a web application which would automate the process of taking and managing hackathons, it was for an NGO named Connecting Dreams.

- Received a Full Time Offer from JP Morgan Chase & Co., India.

SKILLS

SQL	Python	Django	Flask
OOPs	C++	Dart	MEAN
GPU computing	Flutter	ML/AI	Multi-Processing
Network Programming	MERN	Docker/Container	TensorFLow /TRT

Extra-curricular activities

- Member of an NGO Niswarth.   **(08/2015-present)**
- Participated in many Experiential Learning Center activities held at college

HOBBIES / INTERESTS

- Other free time interests include playing video games and gyming.