



## Pavleen Kaur

### Software Developer



<https://www.linkedin.com/in/pavleen-kaur-9a23a6185>

<https://github.com/pavleen14>

### Skills

#### Technical

C/C++	■ ■ ■ ■ ■
Core Java	■ ■ ■ ■ ■
Python	■ ■ ■ ■ ■
GitHub	■ ■ ■ ■ ■
Machine Learning	■ ■ ■ ■ ■
Deep Learning	■ ■ ■ ■ ■
HTML/CSS	■ ■ ■ ■ ■

#### Frameworks & Databases

Django	■ ■ ■ ■ ■
MySQL/Postgres	■ ■ ■ ■ ■
Firebase	■ ■ ■ ■ ■

#### Operating Systems

Windows	■ ■ ■ ■ ■
Linux	■ ■ ■ ■ ■

#### Testing

Postman	■ ■ ■ ■ ■
Selenium	■ ■ ■ ■ ■

I am looking around for a challenging software engineering position in an organization that rewards dedication and proficiency in software development and will be a great kick start for my career.

## Internships/Experience

### Quality Assurance Trainee

TO THE NEW

Feb 2021 – Present

- Learnt about various techniques & types of testing.
- Created Selenium Scripts using core java.
- Used Postman for API Testing.
- Did Front end testing as well.
- Worked using version Control on Linux.
- Worked on a project based on Agile Scrum Methodology.

### Managed Network Expert

CHEGG INC.

March 2021- Present

Currently working as a Computer Science Subject matter Expert responsible for answering the queries of students.

### Backend Developer Intern

ALWAYZ INNOVATIONS

June 2020 – August 2020

- Worked on the backend stack using Django on two of the major projects.
- Development on Linux Systems.
- Thorough usage of handling APIs and working with version Control.

### Software Developer Intern

JP MORGAN CHASE & CO

May 2020-June 2020

It was a virtual experience at JP Morgan where I worked on establishing financial data needs using front end web development and performed data visualization during the tenure.

### Machine Learning & Backend Intern

DECODERS LLC

August 2019-October 2019

- Worked on backend development of an E-Commerce Website using Django.
- Development was done on Linux Systems using SQL Database.
- Thorough Usage of APIs & Version Control.

## Education

### Graduation

Currently Pursuing **B.Tech** in **Computer Science** from Guru Tegh Bahadur Institute of Technology/IP University, New Delhi.

**Aggregate(2021)** **86.62%**

### High School

Student of Science Stream from Montfort Senior Secondary School, Roorkee, Uttarakhand.

**Class XII (2017)** **78.2%**  
**Class X (2015)** **10 CGPA**

## Achievements

1.Nominated in top 5 teams in Internal Hackathon for SIH 2020.

2.Member among the top 5 teams at Hack Gtbit 2019.

## Personal Projects

### FitZone

- It is a *Django* based web application which aims to help in maintaining proper diet & fitness. It calculates the calories from the images of the food items using *Deep Learning*. Along with that, it generates diet chart, exercise schedule and sends timely notifications to the users.
- It is a virtual trainer in these hard time where the users can connect via sms/chat/mail.
- As of now, it serves only for a few junk food items, I plan to increase the dataset and develop a more rigorous platform.

---

### SHORFEST (Shortest + Safest)

- Unlike google maps it generates shortest as well as the safest route, based on the potholes, robberies and crimes in that particular area.
- In addition to this, it also has a *voice assistant*, which could be used incase a person is in danger. The danger message along with current live location will be sent to the person's trusted contacts.
- It is based on the concept of *KNN Algorithm*.

---

### Sign Language to Natural Language Converter

- This project is under the category of Education through which we can educate deaf and dumb people and the people under abled categories each other's languages, so that they can easily communicate with each other herby reducing the communication gap between them.
- It was a team project and was created using React, JavaScript, Machine Learning and other front end stack wherein I worked on the *Machine Learning* part to convert the Indian sign language to natural language.

---

### Dark Chat

- This project is the enhancement of the Sign Language to Natural Language Converter wherein people under the differently abled categories such as deaf, dumb & blind can easily chat and and communicate with each other.
  - It was a team project and was created using React, JavaScript, Machine Learning and other front end stack wherein I worked on the below mentioned features:
  - Converted the gestures to Text.
  - Converted the Speech to Text and Text to Speech.
-