

# AMANDEEP SINGH

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## EDUCATION

### National Institute of Technology, Srinagar

*Bachelor of Technology*

#### Computer Science

- CGPA – 9.4

### MHS DAV H.S School

*High school diploma*

- Class 12<sup>th</sup> J&K BOARD – 89%

### Christ School Poonch

*Up to class 10*

- Class 10<sup>th</sup> J&K BOARD – 94%

**J&K, INDIA**

07/2019-present

**J&K, INDIA**

04/2017-05/2019

**J&K, INDIA**

04/2004-04/2017

## EXPERIENCE

### JUSPAY

*Sde Intern*

**Mumbai, Maharashtra**

1/2023 - current

- Fullstack developer, working under the project of payment page and virtual cards using functional programming using Haskell, purescript, React, Rescript, tailwind CSS.
- Solved more than 10 bugs and added 5 features till now like retry issues in the card payment method.

### IIT Ropar

*Research Intern*

**Rupnagar, Punjab**

12/2021 - 02/2022

- Developed model for accurately calculating acceleration, velocity, and displacement from raw acceleration data collected from 3 axis accelerometers.
- Created a classification model to determine the activity of a user by accelerometer data and developed a logical regression model that can improve activity recognition accuracy and achieved 84% accuracy.

### CKM VIGIL Pvt Ltd

*Software Intern*

**Remote**

09/2021-11-2021

- Contributed to facial API model which gives us 468 facial key points and is able to analyze various facial characteristics.
- Various python libraries such as OpenCv, numpy, matplotlib, scikit image, streamlit, mediapipe were used.

## SKILLS

**Skills:** C, C++, Python, HTML, java, JavaScript, CSS, Android development, DBMS-SQL, OS, Machine Learning, Data, Data Structures, Haskell (functional programming), Purescript, Rescript, React, Nodejs.

## PERSONAL PROJECTS

### Android development

- **Music-beatz**- Created a Music player, which is able to play all music files stored in your phone's internal or external memory.
- **Imdb\_popular\_movies**- Created a Moviesdb API app which fetch details of top movies from IMDB and provide you all the details of the movie with YouTube video links also.

### Web development

- Created a portfolio sites one on PUBG and one for myself using Html, CSS, JavaScript, React.
- **Rotating cube** – created rotating cube using Purescript and Haskell (functional programming), added functionality like add, remove cube, control velocities etc.

## ACHIEVEMENTS

- 4 Star on codechef (rated 1872), username-[thunder aman](#)
- Secured global rank: 350, codechef starters 13, Division 2
- 1000+ rating on codeforces, username-A.codeforces