

# TEJASVI S JAIN

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## EDUCATION

Bachelor of Engineering in Computer Engineering

Thapar Institute of Engineering and Technology - 7.62

07/2020 - Present Patiala, Punjab

Class XII Non-Medical

Sacred Heart Convent School - 94.6%

07/2020 Ludhiana, Punjab

Class X

Sacred Heart Convent School - 91.4%

04/2018 Ludhiana, Punjab

## EXPERIENCE

Software Development Engineer Intern - FullStack

Awiros

01/2024 Gurugram, Haryana

- Worked on revamping the Unified Video Intelligence Platform (UVIP), redesigning the UI, fixing bugs, adding functionalities and improving the overall user experience.
- Adding auto sign in features to 2 other in-house built platforms (Face Recognition based Attendance Management and Vehicle Counting and Classification) which links (UVIP) for a smoother navigation experience.
- Successfully added features like dedicated buttons for auto-completion, panning, undo, fixing bugs along with rewriting algorithms for better polygon detection for the in-house picture annotation software (ATOM), making the platform more robust for the end user.

React Native Intern

Playwise

08/2023 - 09/2023 Remote

- Worked on debugging and refactoring the entire codebase.
- Successfully fixed bugs and integrated APIs

PRISM intern

Samsung

10/2022 - 06/2023 Remote

- Created a model for On device Object Detection and an app in React Native to support it.
- Tested models like React Native Vision Camera, ML Kit, TensorFlow Lite

## FIND ME ONLINE



Linkedin

tejasvisjain



Github

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Leetcode

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## SKILLS

Technical

GCP

Docker

Kubernetes

Java

React Native

Java Swing

GIT

MySQL

ggplot2

Algorithms

HTML5

CSS3

Javascript

Typescript

Linux

NodeJS

Postman

Python

Redux

Tableau

R

Flask

ReactJS

Software Development

Agile Methodology

Natural Language Processing

Artificial Intelligence

Machine Learning

Angular

## TRAINING / COURSES

Operating Systems

Database Management Systems

Data Structures

C programming

Discrete Mathematics

Machine Learning

## EXPERIENCE

### Mobile Application Developer

#### FINT

📅 08/2021 - 12/2021 📍 Remote

- Developed a polished user interface and its associated logic in React Native, utilizing designs from Figma.
- Proficiently incorporated backend APIs and navigation.
- Skilfully managed state and data storage through Redux and device caching.
- Demonstrated expertise in Git version control.
- Created custom components from scratch following Airbnb ESLint guidelines.

## PROJECTS

### GPS based Toll Reduction

📅 02/2023 - 12/2023

Technologies used: Arduino, ReactJS

- Creating an alternate and a better way of toll deduction, eliminating the use of FASTag for a smoother and efficient way of processing toll.

### Project Digital Laundry

📅 11/2022

🔗 <https://youtu.be/TDzTaSWn1sk>

Technologies used: React Native, MongoDB, NodeJS

- Created software to digitize the college laundry system, with a focus on minimizing the carbon footprint associated with hostel laundry collection and distribution processes

### Image GreyScale Convertor

📅 05/2022

🔗 [https://drive.google.com/file/d/1ADmNtMBo7\\_qnyCqKNmaVb0CsDlohzi34/view?usp=drive\\_link](https://drive.google.com/file/d/1ADmNtMBo7_qnyCqKNmaVb0CsDlohzi34/view?usp=drive_link)

Technologies used: AWS S3, Flask, HTML, CSS

- Collaborated on creating a web application for uploading images to resize and grayscale them.
- Implemented feature to auto download image in local machine and process the image.
- Provided the download link of the final image to the client via email and prompt on the web browser.

### File System Organiser

📅 01/2022

🔗 [https://drive.google.com/file/d/1dl6a1Q8j7aUyxnP-y2R\\_3KZlzi52SUUu/view](https://drive.google.com/file/d/1dl6a1Q8j7aUyxnP-y2R_3KZlzi52SUUu/view)

Technologies used: NodeJS - path, os modules

- Produced a code file that automates the organization of files into folders at a designated path, effectively decreasing the need for manual sorting of individual files.

### Facility Management System

📅 07/2023

🔗 <https://drive.google.com/file/d/1P9fZhrScL1A18zfG0FVXjmMD65ZRxLkA/view?usp=sharing>

Technologies used: Oracle livesql, PL/SQL

- Developed a database for the efficient hostel management of of the college.
- Normalised the said database upto 5NF and used PL/SQL.

## TRAINING / COURSES

### Artificial Intelligence

## ACHIEVEMENTS



### Smart India Hackathon (2022 & 2023)

Qualified for the national hackathon from a pool of **300 teams** in college twice in 2 years



### Red Bull Basement Competition (October 2021)

Achieved **1st** place within the **college**, ranked **11th** in **India**, and **101st globally** (based on votes).  
Recognized with the Red Bull Starter Kit for presenting the best idea at the college level



### Techtronix (September 2021)

Secured the **1st** position in both the qualifiers and the overall web development track event

## LANGUAGES

English



Hindi



Punjabi

