

# Shivank Kunwar

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## EDUCATION

### GRAPHIC ERA UNIVERSITY

BTECH IN COMPUTER SCIENCE

2019-2023

GPA: 8.73/10

### GAGAN BHARTI SCHOOL

Delhi, India

CBSE(XII)

Percentage: 82%

CBSE(X)

CGPA: 9.2/10

## LINKS

Github:// [shivankkunwar](#)

LinkedIn:// [shivank-kunwar](#)

LeetCode:// [shivankkunwar100](#)

## COURSEWORK

### UNDERGRADUATE

Data Structure & Algorithms

Design and Analysis of Algorithms

Object Oriented Programming

Operating System

Database Management System

Computer Networks

## SKILLS

### PROGRAMMING

Experienced:

Javascript

Java

React

TypeScript

PostgreSQL

Node.js

Express.js

SQL / PSQL

Intermediate:

Redux

Redux toolkit

HTML, CSS

IntelliJ

Beginner:

Spring Boot

## RESEARCH

### CASE STUDY (BLOG)

Building a Face Detection App with PERN and Typescript: A Full Stack Case Study.

## EXPERIENCE

### IEEE | INTERN

July 2022 – Sep 2022 |

- Developed a **robust tool** for detecting, separating, and matching individuals from group photos using **Face Recognition**.
- Designed and implemented a **user-friendly** using JavaScript frameworks
- Practiced **Agile Software Development methodologies**, iterative development and frequent feedback from mentors and peers
- Contributed to building the complete life cycle of **transaction processing** for a payments solution project as part of IEEE.

## ACHIEVEMENTS

- Secured All India Rank of **1398** and college rank **25** in CodeKaze 2023 coding challenge.

## PROJECTS

### FACED | PERN STACK WEB APPLICATION

Face Detection Web App

- Developed a robust **full stack web application** utilizing modern technologies including **React, TypeScript, Node.js, PostgreSQL, JavaScript, JSX, HTML, CSS, and NPM**.
- Integrated the **Face API JavaScript API** to enable advanced face detection capabilities.
- Implemented **CRUD** (Create, Read, Update, Delete) functionality, allowing users to create accounts, upload photos, and seamlessly view detected faces with **RESTful** API endpoints.
- Showcased **software development** skills by following best practices and coding standards.

Source code

Case study

### TODO APPLICATION | REACT AND REDUX WEB APPLICATION

Todoist Clone

- Developed a Todo app using **React.js** and **Redux**, replicating the popular Todoist app with CRUD operations for task management
- Leveraged modern **Front-end** technologies such as **React (Hooks, Router), JavaScript, HTML, and CSS** for a responsive and intuitive user interface
- Back-end and database supported via **Firebase**, showcasing expertise in integrating with cloud-based services
- Applied **object-oriented design and analysis** skills to create reusable, maintainable components and sustainable product.

Source code

Live

### MOVIE BOARD | JAVA SPRING AND MONGODB

RESTful Movie Review API

- Implemented **RESTful** endpoints for movie details retrieval and review submission, using **Spring Boot**.
- Utilized **MongoDB** as the backend database for storing movie information and reviews,
- Strengthened my understanding of Java Spring and Spring Boot frameworks, including their integration with **Maven** for project management.
- Leveraged the power of Lombok to reduce boilerplate code

Source code