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

portfolio:// **portfolio-shivank.vercel.app**
Github:// **shivankkunwar**
LinkedIn:// **shivank-kunwar**
LeetCode:// **shivankkunwar100**

COURSEWORK

UNDERGRADUATE
Data Structure & 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 **REST**ful API endpoints.
- Showcased **software development** skills by following best practices and coding standards.

Source code   Case study

REAL-TIME CHAT APP | MERN STACK WEB APPLICATION
Communikate | (MongoDB, Express.js, React, Node.js)

- Designed and Developed a **Real-time chat application** using the **MERN stack and Socket.IO**, featuring **user authentication**, **friend management**, and **chat functionality**
- Created a **dynamic user interface** with **React**, enabling users to chat with friends, send friend requests, and view chat history
- Implemented **global user search** and friend request functionality, enhancing user engagement and social interaction within the app
- Demonstrated strong **coding skills** and adherence to **best practices** for maintainable and scalable software development.

Frontend   backend   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