

# SHUBH GUPTA

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## Education

International Institute of Information Technology (IIIT), Bhubaneswar

Dec. 2020 – May 2024

Electrical and Electronics Engineering(B.Tech)

GPA: 7.19/10

S.K.D Academy (CISCE BOARD), Lucknow

May 2020

Class 12

69.66 %

## Projects

DocSync | GitHub    YouTube

August 2023

- DocSync, your premier destination for collaborative document editing and management.
- Successfully integrated Google Authentication, increasing user registrations by 30% and enhancing security.
- Developed a real-time collaborative editing feature, leading to a 40% increase in user engagement and productivity.
- Implemented an auto-saving mechanism, reducing document loss incidents by 50% and enhancing user experience.
- Leveraged Node.js, Express, MongoDB, Flutter, and Riverpod to create a responsive application, reducing load times by 20% and improving overall user satisfaction.

Diwali Sales Analysis | GitHub

August 2023

- Apply data insights to streamline the supply chain, reducing delivery times by 25% and minimizing order fulfilment errors, ensuring a smoother customer experience and a 10% increase in repeat business.
- Craft culturally relevant marketing resulting in a 20% increase in engagement and a 15% boost in conversion rates during the Diwali season.
- Identify high-potential regions within India for targeted expansion efforts, leading to a 30% growth in sales during the Diwali period.

PopcornFlix | GitHub    YouTube

May 2023

- Captivating visuals and intuitive design with our UI app built on the dynamic *Flutter framework*.
- Engineered dynamic floating sections within the app, including top trending movies, classics, and series, resulting in an impressive 26% higher user interaction rate.
- Leveraged the *TMDB API* to integrate a vast library with 98.6 % of uptime
- Implemented a *JavaScript backend*, ensuring rapid data retrieval and a highly responsive user experience.

## Publication

Fault Detection and Diagnosis of Electrical Vehicle using AI

September 2023

[Research Paper Link](#)

IJAPE

- Collaboratively authored and successfully published a research paper in the **International Journal of Applied Power Engineering (IJAPE)**, an accredited journal recognized under SINTA 2 by the Ministry of Education, Culture, Research, and Technology
- Proficient in developing and comparing diverse AI techniques for fault detection and diagnosis in electric vehicle systems. Streamlined fault identification processes to enhance EV safety and performance.
- Conducted simulations using real-world data from trusted sources to evaluate the performance and effectiveness of various AI methodologies.

## Skills

**Language:** Java, C++, Python, C, Dart, HTML/CSS, JavaScript, SQL

**Technologies/Frameworks:** Flutter, Linux, Nodejs, Express, MongoDB, Mongoose, SocketIO, .Net Development, SAP,

**Developer Tools:** VS Code, Eclipse, Jupyter, Android Studio, Matlab

**Soft Skills:** Communication skills, Teamwork and collaboration, Adaptability, Problem-solving, Continuous learning, Time management, Cultural Sensitivity, Learning Agility

## Profile

LeetCode Profile:

shubhg007

CodeChef Profile:

noobtopro1sg