

# KUNAL SURYAWANSHI

Shivashambho Nagar Lane. 4, Katraj Pune Maharashtra India

8485072911

[kunal.22210438@viit.ac.in](mailto:kunal.22210438@viit.ac.in)

[Portfolio](#) [LinkedIn](#) [Leetcode](#) [GFG](#) [Git Hub](#) [HackerRank](#) [Codechef](#) [Certificates](#)



## PROJECTS

### TreatLine - Telemedicine Appointment Scheduler :

- Designed a telemedicine scheduler that activates every 15 minutes to check for new patient data and applies a smart scheduling algorithm based on urgency and availability.
- Implemented real-time communication using WebRTC with a latency of less than 500 ms, ensuring smooth video and audio calls. Utilized React Native, Redux, TensorFlow, and FastAPI for seamless frontend-backend integration.
- Enhanced patient experience by enabling language and gender-based doctor selection, using Google APIs for speech and translation, achieving a 90% improvement in communication efficiency and reducing hesitation by 70%.

### Developing an AI-driven PDF-to-PPT Generator:

- Utilized Natural Language Processing (NLP) and machine learning to enable users to input a PDF, specify a keyword and page number, and receive a customized, summarized PowerPoint presentation based on the extracted data.
- Integrated automated content extraction algorithms to remove headers, footers, and irrelevant sections, improving data relevance by 90%.
- Add a keyword matching system to identify and summarize relevant content, enhancing presentation quality and reducing manual effort by 80%.

### GFG VIIT Club Website Development (MERN) :

- Built a scalable website supporting 10,000 users using the MERN stack (MongoDB, Express, React, Node.js) and Redux for state management.
- Implemented user functionalities including registration, team creation, event registration, and daily MCQs.
- Applied role-based access control (RBAC) to manage permissions for administrators and participants.

### EasyLink Helper (Labour Employment platform) :

- Built a comprehensive Labor Employment System using Django and Python, enabling over 1,000 users to create customer or laborer accounts with an intuitive interface for seamless interactions.
- Developed a skill test system for laborers to evaluate their abilities and display scores on their profiles, promoting transparency and trust.
- Improved user experience with easy navigation and effective skill showcasing.

## EDUCATION

Bachelor of Technology in Computer Engineering VIIT (CGPA : 8.41)

2022-2026

HSC (Percentage : 79.68%)

SSC (Percentage : 96.40%)

## TECHNICAL EXPERIENCE

Technical Head at **CSI VIIT Chapter** and **GFG VIIT Chapter**.

2024-2025

Computer Department Coordinator at **IEEE VIIT Student branch**.

2023-2024

## SKILLS

**Technical Skills :** C++,python, java, HTML, CSS, JavaScript, Django, Flask, MERN stack, SQL,AI, ML ,DevOps.

**Soft Skills :** Strong communicator, effective presenter, proficient in time organization, analytical thinker (**1000+ DSA problems**), flexible, collaborative team member, and experienced leader in tech projects.

## PUBLISHED PAPER

- 1) [Automation of Clinical Health Management System](#).
- 2) [Advanced Gaming using Eye Gesture Recognition](#)
- 3) [PPT Generation from PDF Using NLP and ML](#).