

# Sayyed Sumaiya Waqar Ahmed

Mumbai, India | syedsumaiya006@gmail.com | 9167367967

<https://github.com/sayyedsumaiya123> | <https://www.linkedin.com/in/sumaiya-sayyed-872238283/>

## Education

**MH Saboo Siddik Polytechnic**, Mumbai, India

*Sept 2022 – May 2025*

Diploma in Computer Engineering

Percentage: 91.13

**Al-Falah English High School**

*June 2021 – April 2022*

SSC

Percentage: 88.60

## SKILLS

**Programming Languages:** Java, C, C++, Python

**Python Frameworks:** OpenCV, Streamlit, LangGraph, Firebase

**Web Technologies:** Bootstrap, WordPress, HTML5, CSS3

**Web & API Development:** FastAPI

**Database Technologies:** SQL, NoSQL

**Mobile App Development:** Flutter

**Other Tools & Concepts:** REST API

## Professional Experience

**Visual Labs**, Intern

*Jun 2024 – Jul 2024*

Mumbai, India

- Completed a 1-month internship focused on full-stack web development.
- Enhanced the official WordPress website visuallabs.in, improving design, structure, and content — resulting in a 30% page load speed improvement.
- Customized WordPress themes using HTML5, CSS3, JavaScript, and builders like Elementor and WPBakery.
- Gained backend exposure through CMS plugins and theme optimization — including 5+ optimized components and smoother admin operations.
- Implemented UI/UX improvements, boosting responsiveness by 25% across devices based on internal test feedback.

## Academic Projects

**AI Calendar Booking Assistant**

*May 2025 – Jun 2025*

Mumbai, India

- Built a smart scheduling assistant using FastAPI, Gemini (Google's Generative AI), and the Google Calendar API, automating 100% of meeting bookings and resolving conflict detection with 95% accuracy.
- Enabled natural language-based booking by extracting date, time, and intent using Gemini.
- Implemented logic to check real-time availability, handle conflicts, and suggest alternate time slots.
- Designed a responsive Streamlit UI to allow users to interact through a chat-based interface.

**Facial Recognition Security System**

*Nov 2024 – Mar 2025*

Mumbai, India

- Developed a real-time facial recognition access system using OpenCV and Python with 95% accuracy on Raspberry Pi 4.
- Integrated Firebase Realtime Database and Storage to manage user data and access logs.
- Reduced unauthorized access by 80% using automated verification between known and unknown users.

**AI Tutor (Hackathon – 2nd Place Winner)**

*Oct 2024 – Nov 2024*

Mumbai, India

- Secured 2nd place in an inter-college hackathon by building an AI-powered tutor that supported personalized learning and real-time interaction.
- Used NLP for context-aware query handling and text-to-speech (TTS) for audio responses.
- Achieved 90% response accuracy and 20% higher learner engagement during demo sessions.

## Publications

- Sayyed Sumaiya Waqar, Shaikh Nofil Nazir, Shaikh Urusa Anwar Husain, Prof. Mohammed Zaid Khan, *Smart Home Security: Intelligent Door Locks with Facial Recognition*, **International Journal of Progressive Research in Engineering Management and Science (IJPREAMS)**, Nov 2024. DOI: 10.56726/IRJMET36936