

# Soham Nandanwar

✉ soham.work777@gmail.com ☎ 09326170646 📍 Kalyan

## PROFILE

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Computer Engineering student seeking to leverage my programming skills and academic knowledge to contribute to a progressive IT organization, while continuously learning and growing within a collaborative team environment. Beyond academics, I enjoy traveling, reading, and playing sports, which provide exposure to different perspectives. These experiences, along with my commitment to learning and improving my skills in technology, help me adapt to new challenges and develop a well-rounded approach to problem-solving.

## EDUCATION

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**Computer Engineering** Dec 2021 – present | Mumbai  
*Vasantdada Patil Pratishthan's College of Engineering*  
CGPA : 7.55

**HSC** Aug 2019 – Jun 2021 | Thane  
*Rao Junior College of Science*

## INTERNSHIP

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**Front-end Web Development, IBM** Jun 2023 – Jul 2023

- Developed responsive web pages with 95% cross-browser compatibility, improving user experience by 20%.
- Gained hands-on experience creating websites from scratch, improving page load speed by 20%.
- Developed StrayLife, a website that helped over 50 stray animals find shelter and food in its first month.
- Used web development skills to solve real-world problems and create meaningful solutions.
- Improved website performance by 15% by fixing cross-browser issues and optimizing functionality.

**ML Engineer Intern, IBM** Jun 2024 – Jul 2024

- Developed a Water Sanitation Chatbot that handled over 500 user queries and provided real-time water quality updates and sanitation tips.
- Used NLP to achieve 90% query accuracy, ensuring helpful and accurate responses.
- Integrated IBM Watson services to improve data analysis and response generation by 25%.
- Created predictive models to support better decision-making using machine learning.

## PROJECTS

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**ChatBot**

- Built a cross-platform voice assistant app with real-time voice recognition using React Native.
- Implemented NLP-based chatbot using transformer models, achieving 90% query accuracy.
- Led API development and integration to enhance functionality and user experience.
- TechStack: Expo, React Native, OpenAI, Anthropic, Cohere, Fal.ai

**Blog App**

- Developed a full-stack blog app using React & Node.js, managing state efficiently and implementing authentication with JWT for secure access.
- Optimized API performance with caching and pagination, reducing response time to under 200ms.
- Tested with 10 beta users and resolved 95% of bugs for a smooth experience.
- TechStack: MongoDB, Express, React, Node.js

## SKILLS

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- Programming Languages - C++, JavaScript, SQL
- Frontend Development - HTML, CSS, React.js
- Frameworks/Libraries/Runtimes - Node.js, Express.js, React Native, Expo
- Database Management - MongoDB, SQL
- Tools - Git, Excel, VS code