

Sankalp Satyaprakash Shrivastava

Bhayandar, Thane | [linkdin](#) | P: +91 9326878395 | sankalpshrivastav74@gmail.com

SUMMARY

Aspiring Frontend Developer skilled in React.js, Redux, JavaScript, HTML, CSS, and Tailwind CSS with a strong foundation in Data Structures and Algorithms. Experienced in building responsive dashboards, scalable web applications, and integrating SQL/NoSQL databases through projects, freelancing, and hackathons.

SKILLS

Languages: C/C++, Javascript, Python

Technologies and Frameworks: HTML5, CSS3, Bootstrap, Tailwind CSS, React js, Node js, Express js, MERN Stack, ES6, Redux, Redux Tool Kit

Database: MySQL, MongoDB, Sequence Query Language SQL

Soft Skills: Problem Solving, Team Collaboration, Adaptability, Quick Learning

Tools: Visual Studio Code (VS Code), Git, GitHub, Postman, Multisim, Docker

Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS)

Cloud Platforms: Amazon Web Services (AWS) basics

EXPERIENCE

Freelance Software Developer

- [MyProjectBuddy](#)
- Designed and delivered over 20+ engineering projects, focusing on IoT, AI / ML and Web Development. Provided detailed documentation, circuit diagrams, and code walkthroughs to assist students.

EDUCATION

Bachelor of Engineering in Electronics and Telecommunication Engineering (2022 – 2025)

Vivekanand Education Society's Institute of Technology | CGPA: 8.7

Diploma in Electronics Engineering (2019 – 2022)

Veermata Jijabai Technological Institute | Percentage: 89.00%

Early Education (2018- 2019)

St. Francis High School, Bhayandar | Percentage 90.2%

PROJECTS

KrishiVikas |HTML5, CSS3, JavaScript, REST API

- Created a web-application to provide all-in-one solutions for farmers with a minimalist design and extensive features.
- Features include crop recommendation, crop price prediction, and an equipment rentals page.
- Collected data from relevant agricultural RESTful APIs and implemented prediction models that uses historical data to suggest the best crops to grow and predict future crop prices.

Vartalap Chat App |React.js, Express.js, Socket.io, MongoDB

- Implemented Socket.io to enable instant messaging functionality, ensuring seamless real-time communication similar to WhatsApp.
- Express.js is used to handle user authentication, message storage, and retrieval, ensuring efficient data flow between the frontend and MongoDB database.

Saksham |Sensors, Computer Vision, Machine Learning

- Created a multifunctional assistive solution for paralysis patients combining IoT and AI technologies.
- Features include gesture-based control, emergency alert system, voice commands, and remote monitoring through a web interface.

Hospital Management System |React js, Redux, Tailwind CSS, Express js and SQL

- Designed for communication between patient and doctor. They can make appointment with doctor.
- Implemented a responsive React.js frontend with Tailwind CSS and Redux for state management, enabling seamless synchronization of patient and doctor data across dashboards and improving appointment booking efficiency
- The project helps the doctors to manage the appointment. New doctors can also be registered by admin.

CERTIFICATIONS

- IBM's Docker Essentials
- Oracle's Become an OCI Generative AI professional (2025)
- Google's Cloud Developer Professional Certificate
- AWS Cloud Practitioner Essentials

ACHIEVEMENTS

- First Prize Winner at Hack-to-Crack 2.0, ViMEET
- Second Prize Winner at VES-HACK-IT, VESIT
- Second Runner-up at KnowCode 2.0, K.J. Somaiya
- Second Runner-up at Tech-a-thon, Thadomal Shahani Engineering College TSEC

EXTRACURRICULAR ACTIVITIES

Jr. Software Developer

August 2023- April 2024

International Society of Automation (ISA) VESIT

- Collaborated with a 4-member team developing and maintaining software at ISA VESIT.
- Delivered workshops on web development, Databases, etc. to an audience of 200+ students.
- Built an interactive React.js frontend with reusable components, dynamic forms, and responsive UI (Tailwind CSS) for the inventory management system, improving usability and reducing component ordering time.