

# SOPAN BHERE

Aurangabad, Maharashtra

☎ [+91 7249594818](tel:+917249594818) ✉ [sam21sop@gmail.com](mailto:sam21sop@gmail.com) in [Sam21sop](#) 🌐 [Sam21sop](#) </> [Sam21sop](#)

## SUMMARY

Passionate for Software development tools and technology, with proficiency in Programming languages like Python, or JavaScript. Familiarity with OOPS, System Design, and Software Development best practices. A better understanding of web technologies HTML, CSS, JavaScript, React, React-Hooks, Redux Toolkit, Tailwind CSS, NodeJS, Express and Databases (SQLite, MongoDB). Experience with Version Control (Git and GitHub).

## EDUCATION

### Artificial Intelligence and Machine Learning

International School of Business and Media - **CGPA - 9**

**2020 – 2024**

Pune, India

### Diploma In Mechatronics

Indo German Tool Room, Aurangabad - **Percentage - 75%**

**2015 – 2018**

Aurangabad, India

## PROJECTS

### Inventory Management 🔗

June 2024

- **Features:** Register | Login | Logout | Search | Add | Update | Delete | Retrieve
- **Technology:** JavaScript | ReactJs | Redux-Toolkit | Tailwind | ExpressJs | Mongoose | MongoDB | Nodejs | Vite
- **Responsibility:**
  1. Developed the user authentication system for secure registration, login, and logout functionalities.
  2. Implemented CRUD operations for managing inventory items, including adding, updating, deleting, and retrieving data from the MongoDB database.
  3. Integrate React components with Express.js backend endpoints for seamless data flow and interaction.

### E-Commerce App 🔗

May 2024

- **Features:** CRUD Operations | Client-Side Routing | State Management
- **Technology:** JavaScript | React | Redux-Toolkit | React Router DOM | Tailwind CSS | Express | Node.js | MongoDB
- **Responsibility:**
  1. Designed and developed a Full-Stack e-commerce application using JavaScript, React, React-Hooks, Redux-Toolkit, and React Router DOM.
  2. Implemented CRUD operations (Create, Read, Update, Delete) for managing products, showcasing proficiency in data management and manipulation.
  3. Leveraged Redux Toolkit for state management, ensuring a centralized and predictable state container for managing application data.

### Face Attendance 🔗

Jan 2024

- **Features:** Live Face Detection | Face Capture | Face Recognition | Image Processing | Accuracy Prediction
- **Technology:** Python | Open-CV | Sk-Learn | Pandas | NumPy
- **Responsibility:**
  1. Utilize Open-CV to access and process video frames using face detection algorithms (Haar cascades).
  2. Train and test face recognition models using Sk-Learn and Open-CV.
  3. Implement image pre-processing steps to use Open-CV for noise reduction, contrast enhancement, etc.
  4. Use Pandas and NumPy for data manipulation and analysis

## SKILLS

**Languages:** Python, JavaScript, HTML5/CSS3, SQL

**Developer Tools:** VS Code, GitHub, Git, Pip, NPM

**Databases:** MongoDB, SQLite

**Frameworks/Libraries:** Express, Mongoose, ReactJs, Redux-Tolkit, Tailwind CSS

**Non Technical Skills:** Communication, Team-Work, Problem Solving.

## TRAINING

### Full Stack Web Development

**June 2023 - Feb 2024**

Coding Ninjas

- **Data Structure | Python | Frontend | React Js | NodeJS | DBMS | System Design**