

# SHUBHAM SAPTASAGARE

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## SUMMARY

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Highly motivated Full Stack Web Developer with proficiency in MERN stack development. Seeking an opportunity to leverage my skills to create innovative web solutions while continuing to learn and grow professionally

## EDUCATION

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### B.Tech in Electronics and Telecommunication (Pursuing)

MIT Academy of Engineering, Pune, 8.58 CGPA

Expected July 2024

### HSC Class XII

Cambridge School and Jr. College, Sangli, Maharashtra, 71.23%

2018-2020

### SSC Class X

Shree Mahankali Highschool, Kavathemahankal, Maharashtra, 89.20%

2017-2018

## SKILLS

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### Programming Languages

Python, JavaScript, SQL

### Technologies and Tools

HTML, CSS, Node.js, MongoDB, Figma, Git, RESTful API, MIT App Inventor

### Frameworks

Bootstrap, React, Express.js

### Soft Skills

Innovative Design Thinking, Problem Solving

## INTERNSHIPS

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### Software Engineer - Caainos Technologies

- Developed a Tkinter-based dashboard for testing the devices.
- Implemented MQTT and HTTP protocols for seamless communication between devices and the dashboard.
- Deployed Mosquitto MQTT broker with SSL security.

### Frontend Web Developer - Zetpeak Ltd.

- Developed responsive website based on Figma designs, ensuring accurate translation of design concepts into functional web elements.
- Applied principles of UI/UX design to enhance the aesthetics and usability of the company's website project.
- Demonstrated strong problem-solving skills in troubleshooting and resolving technical issues during the development process.

## PROJECTS

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### Job Portal Application

- Designed and implemented the database schema using MongoDB, ensuring efficient storage and retrieval of user and job data.
- Built the backend RESTful API using Node.js and Express.js to handle CRUD operations for users, job listings, and applications.
- Implemented user authentication and authorization functionalities using JSON Web Tokens (JWT) for secure access to the application.
- Created dynamic and responsive user interfaces using React.js and added features such as job search, filtering etc.

## **LoRa Based Smart Irrigation System**

- The aim of the project was to develop smart irrigation system which is controlled from remote location by farmers.
- LoRa modules used for controlling the motor pump in the farming and it improves the efficiency and effectiveness of irrigation practices in agriculture.
- Developed mobile app for real time monitoring the field, controlling motor pump, notify and alerting the user.
- It showcases the ability to work with sensors, microcontrollers, and LoRa technology to create a system that can remotely monitor and control irrigation.

## **CERTIFICATIONS AND TRAINING**

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### **Postman API Fundamentals Student Expert certification**

- Learned API concepts including request-response patterns, query and path parameters, and sending data with POST
- Gained hands-on experience creating workspaces and collections, making API requests, and using Postman variables and scripting
- Proficient in API testing and automation using Postman

### **Free Code Camp**

- Earned certification in Responsive Web Design, JavaScript Algorithms and Data Structures, Front End Libraries
- Developed and implemented various web development projects and acquired skills in HTML, CSS, JavaScript, and relevant libraries/frameworks

## **PERSONAL INTEREST**

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- Solo Travelling
- Passionate about playing and watching sports, particularly Cricket, Kabaddi.