

## SUMMARY

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A dedicated and proactive software professional with a strong academic background and practical experience in Computer Science Engineering. Proficient in HTML, CSS, Java, DBMS, MySQL, Git, and GitHub, with a track record of successful projects, including IoT-based systems and patented innovations. Skilled in collaboration, project management, and technical documentation. Known for enthusiasm, problem-solving abilities, and a commitment to driving innovative solutions.

## PROJECTS

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### Smart Food Storage Management System and Waste Reduction | Chennai, Tamil Nadu

#### Documentation, Testing Components | 05/2023 - 04/2024

I took on the responsibility of documenting and testing each component's principles and operational conditions. Meanwhile, my teammate focused on coding using Arduino boards and establishing connections. This division of tasks allowed for comprehensive testing and documentation of the system's functionality, enhancing my skills in quality assurance and project coordination within a team setting.

### Traffic Police Management System | Chennai, Tamil Nadu

#### Front End Developer | 01/2024 - 03/2024

I contributed to the development of the front-end interface for the Traffic Police Management System project, collaborating closely with a teammate who focused on backend development. My role included designing and implementing user interfaces using HTML, CSS, and JavaScript to ensure intuitive functionality and user experience. This experience strengthened my skills in front-end development and teamwork, demonstrating my ability to contribute effectively to multidisciplinary projects.

### Air Quality Monitoring System

#### IoT System Architect | 05/2023 - 12/2023

As the IoT System Architect, I conceived, designed, and implemented an innovative air quality monitoring system. Orchestrating the entire project lifecycle, I selected and integrated sensors and microcontrollers and developed the software architecture for real-time data collection, processing, and visualization. While this mini project focused on practical implementation rather than extensive research, it deepened my skills in IoT hardware and software integration and underscored my ability to independently lead and execute complex projects.

### Restaurant Management System | Chennai, Tamil Nadu

#### Front End Developer | 05/2022 - 12/2022

I was responsible for developing this mini project in its entirety, which allowed me to deepen my knowledge of front-end technologies.

## EDUCATION

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### Rajalakshmi Engineering College | Chennai, Tamil Nadu

#### Computer Science Engineering | 05/2024

**CGPA 8.05**

Got Patent for my Final year project named Smart Food Storage Management and Waste Reduction

### Apollo Polytechnic College | Chennai, Tamil Nadu

#### Computer Engineering | 07/2021

**CGPA 8.9**

## SKILLS

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Microsoft Office Suite, Time management, Java, MySQL, HTML 5, CSS3, Relational Database Management System, GIT, GITHUB

## INTEREST

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Frontend Technologies, Networking, Documentation Specialist

## CERTIFICATE

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UI Path - The Automation Explorer certificate at ICT Academy, Java - Java Programming Fundamental on Infosys Springboard, DBMS- Database Management System on Infosys Springboard