

SKILLS

Programming Languages	JavaScript, python, HTML5, CSS3
Tools & Platforms	Git, GitHub, VS Code, Postman, Cloudinary, Figma, Webpack, CI/CD, Puppeteer, Cheerio
Database Management	MongoDB, MongoDB Atlas, PostgreSQL
Frameworks & Libraries	React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, JWT, Bcrypt, Mongoose, Redux, AJAX, JSON
Additional skills	Familiar with TypeScript, PHP, jQuery, MySQL, Swagger

TECHNICAL EXPERIENCE

IOT Web Developer Intern (Embedded)

Feb 2022 -March 2023

IETE Bangalore

- Designed and developed the IOT Website for IETE Bangalore using **HTML**, **CSS**, and **JavaScript**, resulting in a highly intuitive and user-friendly interface. [Video Link](#)
- Integrated hardware and software to achieve real-time display of environmental parameters, demonstrating an **80%** accuracy rate and effective data visualization.
- Worked with hardware components, showcasing **proficiency** in microcontrollers and Raspberry Pi 3.
- Stay updated with the latest trends and technologies, quickly adapting to evolving project requirements and new technologies.

PROJECTS

STUDY NOTION-EduTechLearning Platform [🔗](#) | [GitHub](#)

Sep 2023— Jan 2024

- Developed dynamic and responsive user interfaces with **ReactJS**.
- Implemented **RESTful API** calls, improving communication efficiency between front-end and back-end.
- Engineered a scalable and robust server-side application using **NodeJS** and **ExpressJS** frameworks.
- Managed user authentication, course creation, and course consumption functionalities.
- Utilized **MongoDB** for efficient storage of unstructured and semi-structured data.
- Technologies Used: React, Node.js, Express.js, MongoDB, Git**

Crave Deals: Discover Exclusive Restaurant Offers [🔗](#) | [GitHub](#)

Jan 2024—Feb 2024

- Spearheaded end-to-end **development**, managing **frontend** and **backend**.
- Designed dynamic interfaces with React.js, Tailwind CSS, and Redux.
- Engineered RESTful APIs using Node.js and Express.js.
- Managed MongoDB for improvement in data handling efficiency.
- Implemented **web scraping** with **Puppeteer** and **Cheerio** for up-to-date offerings.
- Ensured platform stability and reliability through thorough testing.
- Technologies Used: React, Node.js, Express.js, MongoDB, Puppeteer, Cheerio, Git.**

Web & IoT Sustainability Solution for Agriculture [🔗](#)

Aug 2023

- Developed a web platform using HTML, CSS, jQuery, and JavaScript to monitor real-time environmental parameters and motor status, providing farmers with essential data for optimizing agricultural processes.
- Engineered an impactful **water usage control system** for farms by leveraging **IoT technology**, resulting in a remarkable **70%** reduction in water wastage. This initiative contributed to enhanced **sustainability** and **resource management** in agricultural practices.
- Designed a renewable dual-axis solar tracking system for IoT devices, leading to a 40% increase in solar power collection, improving efficiency in sustainable IoT power generation.
- Technologies Used: HTML, CSS, jQuery, JavaScript, IoT, PHP, NoSQL, 000webhost.**

EDUCATION

MS Ramaiah Institute of Technology

July 2020 — June 2023

Bachelor of Engineering in Electronics and Telecommunication

Bangalore, Karnataka

Karnataka Govt Polytechnic

April 2017 — April 2020

Electronics and Communication Engineering

Mangalore, Karnataka

ACTIVITIES

Team lead at Pradarshana MSRIT

April 2023

Volunteer at IETE-Institute of Electronics and Telecommunications Engineers KJSCE

Jun 2021 — Jun 2024