

Deekshith Bathini

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EDUCATION

National Institute of Technology, Kurukshetra

Aug 2019 – June 2023

B-Tech in Electronics and Communication, CGPA: **8.22/10.00**

Sri Chaitanya Junior College, Telangana

Jul 2017 – Apr 2019

Class 12th – Mathematics and Science, PERCENTAGE: **96.5%**

Sri Chaitanya Techno School, Telangana

June 2016 – Apr 2017

Class 10th – Mathematics and Science, CGPA: **9.7/10.00**

EXPERIENCE

Automation Engineer, Intern

Siemens Centre of Excellence

Jan 2022 – May 2022

- Gained hands-on experience in industrial automation including PLC programming using ladder language, HMI design.
- Assisted in the design and implementation of automated solutions for controlling street and traffic light systems.
- Collaborated with a team of 4 to troubleshoot and resolve technical issues ensuring successful project completion.
- Participated in the development and simulation of test plans to ensure system functionality and performance.

PROJECTS

PLC Based Traffic and Street Light Controlling System

Link: <https://www.youtube.com/watch?v=iTrR9iVNIZ8/>

- Led a team of 4 members to develop and implement a smart street and traffic lights controlling system using PLC.
- Optimized traffic flow at intersections, reducing average commute time by 15% and alleviating congestion.
- Developed and simulated an intelligent street lighting system that adjusts lighting based on movement detection and ambient conditions, leading to a 40% reduction in energy consumption.

YouTube Clone

GitHub Link: <https://github.com/Deekshith458/youtube-clone/>

Technologies used: HTML5, CSS3, JavaScript

- Created a YouTube clone using HTML, CSS, and JavaScript, with data retrieval from the official YouTube API.
- Designed an intuitive user interface with HTML and CSS, resembling the familiar YouTube layout.
- Utilized JavaScript to handle user interactions, including search functionality and video playback.
- Integrated responsive design principles to ensure optimal viewing experience on various devices.

Grocery List Application

Link: <https://grocery-list-two.vercel.app/>

Technologies used: Next.js (React framework), Tailwind CSS, Airtable, Serverless functions

- Integrated Airtable with Next.js to build a grocery list application using React and Tailwindcss.
- Developed serverless functions using Next.js API routes to perform CRUD operations with the Airtable database.
- Utilized Airtable API to retrieve, create, update, and delete records from the database.
- Implemented React context API to manage and pass the Airtable data throughout the application.

SKILLS

Programming Languages:

C/C++, JavaScript

Web Development:

HTML, CSS, React.js, Node.js, Tailwind CSS

Databases:

MySQL, PostgreSQL, Airtable

Coursework:

Data Structures & Algorithms, Object-Oriented Programming, Software Development