

# Surya Tumpati

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## PROJECTS

### Covid19 Tracker -JAVASCRIPT

- Developed a COVID-19 tracker web application for real-time global pandemic updates, prioritizing user privacy and accessibility.
- Designed an intuitive UI/UX for displaying statistical data on cases, recoveries, and danger zones without user sign-in requirements.
- Enabled geographical data customization and multi-platform compatibility, enhancing user convenience and application reach.

GitHub Link - [COVID19 Tracker](#)

### Food Management Interface — C++

- Developed a Food Management Interface in Java, enhancing inventory tracking and management for culinary establishments.
- Implemented features like real-time updates and predictive ordering, using object-oriented programming for scalability.
- Integrated user-friendly interface and database management, significantly improving operational efficiency.

GitHub Link - [Food-Ordering-System](#)

### Home Automation — IOT

- Developed an IoT-based Home Automation system using Arduino, programmed through a PC and integrated with an ESP8266 Wi-Fi Module for wireless connectivity.
- Enabled mobile device control for the automation system, allowing users to manage home devices remotely over Wi-Fi for enhanced convenience and accessibility.
- Implemented Internet of Things (IoT) fundamentals to enable real-time device interaction and smart automation, resulting in marked enhancements in operational efficiency and overall user experience.

## SKILLS

Languages: JavaScript, C++

Technologies: Bootstrap, JQuery, MS Office, AWS

Concepts: Object Oriented Programming, Functional Programming, Usage of API's, Cloud -> AWS

## AWARDS

- HackGT -> Runner up
- TechInvent

## LANGUAGES

Telugu, Hindi, English

## EDUCATION

**University of North Alabama** — *Bachelors of science in computer Science*

12/2024(Expected), Florence, AL

GPA: 3.06

## CERTIFICATES AND LICENSES

HTML, CSS, and JavaScript for Web Developers

**Institution:** The Johns Hopkins University

**Issued:** May 2022

**Skills Gained:** JavaScript, CSS5, HTML5