

# TK Vishal

## Web Developer and Designer, Chennai

### Contact

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### About

An Independent, Enthusiastic and highly self-motivated web designer and developer passionate about exploring the intersection between data and design; interested in making a meaningful impact on lives of people around the globe through Electronics and Software.

### Education

**SSLC, Guru Nanak Mat. Hr. Sec School** *June 13' - July 14'*

Chennai | 96%

**HSC, Sri Sankara Vidhyashramam** *June 16' - July 17'*

Chennai | 75%

**B.E. Electronics and Communication Engineering,** *July 17' - July 21'*

**Velammal Institute of Technology**

Thiruvallur | 8.17 CGPA\*

### Professional Experience

**Full Stack Web Developer Intern - Vizack** *June 19' - August 21'*

- Worked on implementing efficient backend REST API endpoints.
- Created and maintained reusable UI components on the frontend.

*Nodejs, Reactjs, Expressjs, SASS, MongoDB*

**Web Developer & Technical Organiser - Symposium** *July 18'*

- Created and hosted an event website for the college symposium.
- Website's SEO brought lot more participants than anticipated.

*HTML, CSS3, jQuery, SEO*

### Projects

**Exoplanet Explore - Interactive & Exploratory Data Visualization**

- Processed raw scientific data and explored the dataset in a web app.
- Learnt about attractive SVG animations and DOM manipulations.

*Nodejs, Expressjs, D3.js, python pandas, HTML, CSS3*

**Smart Glass 2.0 - Augmented Reality Head Mounted Display**

- Inspired by Google Glass, built a cheaper version using Arduino.
- Learnt about interfacing HC-05 bluetooth with arduino and smart phone.

*Arduino, HC-05, OLED Screen, Arduino Programming, Android Studio*

**Yata - Yet Another TODO App**

- Made a TODO listing web app using React for personal use.
- Learnt about authentication, session management.

*React Hooks, SCSS, Firebase Firestore*

### Skills

- Web Application Development
- UI and Visual Design
- Data Analysis and Visualization
- Data Scraping and Automation using Python

### Tools

- C Language
- Python
- Javascript
- HTML, CSS3 & SCSS
- Reactjs
- MongoDB (noSQL)
- Firebase
- Nodejs and Expressjs
- Adobe Illustrator and XD
- Git Version Control

### Honors

- **Winner** - Hackbenchers #2

A data analysis hackthon organised by HackerEarth among 2000+ participants.

- **Winner** - Project Fest conducted by the college.

- Placed **Top 20** in a cybersecurity hackthon (Capture the Flag) conducted by HackerEarth among 1000+ participants.

- Secured **Top 100** in a global game making competition among 2600+ participants