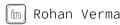
# Rohan Verma

#### Front-End Developer







Rohan Verma 000rohan.verma000gmail.com



#### EXPERIENCE

**Tech4 Engineering Solutions Pvt. Ltd.** | FRONT-END WEB DEVELOPER Jan 2023 – May 2023 | Delhi

International Society of Automation (ISA) | CORE TECHNICAL MEMBER March 2022 - Current | Vellore, Tamil Nadu

#### **PROJECTS**

### **Tech4 Corporate Website** | REACT, FIREBASE

Jan 2023 - May 2023

- → Conceptualized and developed a customer-facing corporate website.
- → Implemented efficient import and export organization according to best engineering practices.
- → Mastered the management of state and props in complex React applications.
- → Added click signifiers to elements in an effort to reduce click-misses, keeping in mind relevant UX principles.
- → Used ARIA roles to make custom form components more accessible.
- → Utilized Firebase Cloud Firestore to store form data.

#### Spark 2023 Landing Page | REACT

Nov 2022 - Jan 2023

- → Developed the website for ISA's flagship technical event cum hackathon. (The complete website is not yet hosted, but the portions made by me are hosted using **GitHub pages**.).
- → Used modular CSS to deal with problems of specificity.
- → Standardized fonts, colors, and dimensions through CSS variables.
- → Enhanced understanding of component design patterns and React concepts.
- → Implemented a unique timeline that scrolls horizontally upon scrolling vertically through the page.

#### Crow DB | C++, Crow Framework, Bash

Oct 2022 - Nov 2022

- → A basic CRUD API built using the C++ CROW framework, that allows maintaining multiple databases.
- → Implemented using Hash Tables and AVL Tree data structures.
- → Used the CPP Crow Framework to make the application asynchronous and set-up API routes.

#### Color Palette Generator | HTML, CSS, VANILLA JS

Aug 2022 - Sept 2022

- → A tool that generates a set of random colors which can help provide inspiration to illustrators, designers and artists.
- → Fully responsive on desktop and mobile devices; hosted using **GitHub pages**.
- → Integrated a color API for selection of aesthetically pleasing color combinations.

#### **WM Setup Master Script** | BASH

Apr 2022 - May 2022

- → An automated solution for fast setup of a newly created Linux virtual machine, running a flavor of Debian; like Ubuntu.
- → The project repository on GitHub also contains a basic guide on Bash Scripting.

### **ACTIVE GITHUB REPOSITORIES**

#### **P** ThreeJS-Tesselations

Exploring ThreeJS through a collection of experiments for enhanced understanding of the 3D framework.

A dynamic repository capturing key insights and notes about React for easy reference.

#### JavaScript-JumpStart

Providing foundational as well as deep insights into JavaScript for beginners.

#### **P** Data-Structures-and-Algorithms

Implementing essential data structures and algorithms for in-depth learning.

#### **P** Tech-Tips

Compact snippets covering crucial computer science topics like OS and DBMS for guick insights.

#### Java-Juggernaut

Packed with Java code samples, suitable for both novices and experienced developers.

#### **P** CPP-Craftsmanship

A detailed reference for vital C/C++ concepts, delving into language intricacies.

#### SKILLS

#### **Programming**

**Proficient:** 

C++ • C • HTML • CSS • JavaScript •

Java • Markdown

Experienced:

Bash • SQL • Verilog HDL

LATEX • Python • MATLAB

#### Libraries/Frameworks

ReactJS • NextJS • Tailwind CSS • CROW • ThreeJS

#### **Tools/Platforms**

Git • NPM • Firebase • Webpack • Babel • Postman

#### **EDUCATION**

## Vellore Institute of Technology

B.Tech (Computer Science) Sept 2021 - Present | Vellore, Tamil Nadu School of Computer Science and Engineering (SCOPE) Cum. GPA: 9.72 / 10.0

9th rank in a class of approx. 2700

**DPS Sushant Lok** 

PCM AND COMPUTER SCIENCE Sept 2006 - July 2021 | Gurgaon, Haryana AISSCE 2021: 95.8%