

Rohan Verma

Front-End Developer



rohan-v8rma



Rohan's Blog



Rohan Verma



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EXPERIENCE

OneAssist Consumer Solutions Pvt. Ltd.

PROTECTION SERVICES PROVIDER FOR PERSONAL ELECTRONICS AND HOME APPLIANCES

Sep 2023 – Present | Gurgaon, Haryana

ReactJS Developer

- Spearheaded the development and maintenance of the company's new React component library, enhancing code base efficiency and consistency.
- Used Storybook for comprehensive testing and documentation of the new components, ensuring top-notch quality and user-friendliness.
- Made significant contributions to the migration of the admin portal for managing personal electronics claims, from AngularJS to ReactJS.
- Leveraged D3.js to create reusable chart components, serving various business requirements of the company.

TechFour Technology

IT SERVICES COMPANY, SPECIALIZES IN END-TO-END PAYMENT PROCESSING SOLUTIONS

Jan 2023 – May 2023 | Delhi

ReactJS & Firebase Developer

- 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.

International Society of Automation (ISA)

TECHNICAL CHAPTER AT VIT VELLORE

March 2022 – Present | Vellore, Tamil Nadu

Core Technical Member

- 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.

PROJECTS

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.

VM 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.

SKILLS

Programming

Proficient:

HTML • CSS • JavaScript • Java • C++ • C • Markdown

Experienced:

TypeScript • Bash • SQL • Verilog HDL

Familiar:

L^AT_EX • Python • MATLAB

Libraries/Frameworks

ReactJS • Tailwind CSS • D3.js • NextJS • ThreeJS • CROW

Tools/Platforms

Git • NPM • Storybook • Firebase • Webpack • Babel • Postman

EDUCATION

Vellore Institute of Technology (VIT)

B.TECH (COMPUTER SCIENCE)

Sept 2021 - Present | Vellore, Tamil Nadu

School of Computer Science and Engineering (SCOPE)

Cum. GPA: 9.71 / 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%

ACTIVE GITHUB REPOSITORIES

-  **ThreeJS-Tesselations**
Exploring ThreeJS through a collection of experiments for enhanced understanding of the 3D framework.
-  **React-Ref**
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.
-  **Data-Structures-and-Algorithms**
Implementing essential data structures and algorithms for in-depth learning.
-  **Tech-Tips**
Compact snippets covering crucial computer science topics like OS and DBMS for quick insights.
-  **Java-Juggernaut**
Packed with Java code samples, suitable for both novices and experienced developers.
-  **CPP-Craftsmanship**
A detailed reference for vital C/C++ concepts, delving into language intricacies.