# Rohan Verma

Front-End Developer

rohan-v8rma · Rohan's Blog · Rohan Verma · 00rohan.verma00@gmail.com · 9599496366

## EXPERIENCE

### Samsung R&D Institute
Mentorship program focusing on technical projects that solve real-world problems
**Feb 2024 – Present | Bangalore, Karnataka (Hybrid)**
**Samsung PRISM Intern**

→ Working on a project that detects copyrighted content in images.
→ Established a roadmap for developing a working software prototype.

### OneAssist Consumer Solutions Pvt. Ltd.
Protection services provider for personal electronics and home appliances
**Sep 2023 – Jan 2024 | Gurgaon, Haryana**
**ReactJS Developer**

→ Led development and maintenance of the React component library, improving code efficiency and consistency.
→ Employed Storybook for thorough testing and documentation, ensuring high-quality and user-friendly components.
→ Contributed significantly to migrating the admin portal from AngularJS to ReactJS.
→ Automated workflow with turn-key pre-commit and npm publishing scripts, saving valuable development time.
→ Utilized D3.js to craft reusable chart components, meeting diverse business needs.

### 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.

## 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:
Bash • HTML • CSS • JavaScript • Java • C++ • C

Experienced:
TypeScript • SQL

### Libraries/Frameworks
Proficient:
ReactJS • Storybook • Ant Design • Tailwind CSS

Experienced:
NextJS • ThreeJS • D3.js • CROW

### Tools/Platforms
Proficient:
Git • NPM • Yarn • Webpack • Babel

Experienced:
Postman • Firebase

## 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: 9.69 / 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%**