

Nitin Singh

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CAREER OBJECTIVE

Frontend Developer specializing in ReactJS and JavaScript for dynamic user interfaces. Improved operational efficiency by 10% with process enhancements. Keen to use technical expertise to deliver high-quality user experiences and boost business growth.

WORK EXPERIENCE

Anscer RObotics

Apr 2025 - Present

Front-End Developer

Bangalore

- Developed and maintained **real-time web applications** for robotics solutions using **React, TypeScript, Vite, and Bun**, improving application performance and scalability.
- Built **responsive, user-friendly interfaces** with **Tailwind CSS**, enhancing usability and ensuring consistent cross-platform design.
- Integrated **Hono framework** for optimized backend–frontend communication, reducing API response times and improving system reliability.
- Collaborated with cross-functional robotics engineers to design and implement **interactive dashboards** that visualize real-time robot operations.
- Optimized frontend build pipeline with **Vite and Bun**, resulting in faster development cycles and reduced deployment times.
- Wrote clean, maintainable, and reusable **TypeScript components**, improving code quality and reducing bugs across the codebase.
- Implemented **state management and performance tuning techniques** in React to ensure smooth real-time data rendering.
- Participated in agile sprints, contributing to **feature development, bug fixing, and peer code reviews**, ensuring timely project delivery.

Bharat Heavy Electrical Limmited, Bhopal

Feb 2023 - Sep 2023

Graduate Engineer Trainee

Bhopal

- Assisted in the maintenance and troubleshooting of electrical systems in heavy machinery.
- Conducted detailed system analyses to identify and resolve issues, ensuring minimal downtime.
- Participated in the implementation of process improvements that enhanced operational efficiency by 10%.

Cove Identity, Virtual

Feb 2021 - Mar 2021

Campus Ambassador - Internship

Virtual

- Promoted the importance of digital identity security through presentations and social media campaigns.
- Organized workshops to increase awareness of secure digital identity practices.

EDUCATION

Samrat Ashok Technological Institute

2018 - 2022

Bachelor of Technology (B.Tech), Computer Science

Bhopal

- GPA:** 7.50/10
- Coursework:** Computer Science

MPBSE

Jun 2016 - May 2017

Senior Secondary (XII), Science

Rewa

- GPA:** 79.00%
- Coursework:** Science

MPBSE

Jun 2014 - May 2015

Secondary (X)

- GPA:** 88.70%

TRAININGS / CERTIFICATIONS

- Greduate Engineer Trainee:** Feb 2023 Sep 2023
Bharat Heavy Electricals Limited, Bhopal
- Game Development Using PyGame:** Jan 2021
Guvi Organization, Virtual
- Python For Data Science:** Jan 2021
Cognitive Class, Virtual

PROJECTS

Personal portfolio | <https://singhnitinportfolio.vercel.app/>

May 2025 - Jul 2025

Bangalore

Personal portfolio | <https://modelmiddleschool.vercel.app/>

Apr 2024 - Jul 2025

Model Middle School

A School Project

- Built an interactive platform using JavaScript, React, Redux, TypeScript, and Framer Motion.
- Incorporated dynamic UI components to enhance interactivity and user experience.
- Developed intuitive interfaces and optimized performance for seamless user interaction.
- Use pc for rich experience.

SKILLS

- HTML, CSS, JavaScript, TypeScript, Next.js, Tailwind CSS, React, Database, C Programming, Python, Human Resource Information System (HRIS), HR Analytics

EXTRA CURRICULAR ACTIVITIES

- Organized events and led technical workshops in school societies, demonstrating teamwork and leadership.
- Active member of the HRD department at BHEL, contributing to employee training programs.

Languages

- Hindi ()
- English ()

Achievements

- InterState Cricket Champion