

Karan Singh

Frontend Developer | Web Developer

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 LinkedIn |  GitHub

Frontend Technologies

- **Languages:** HTML5, CSS3, JavaScript, Python, TypeScript
 - **Frameworks/Libraries:** React.js (Beginner), jQuery, Bootstrap, Tailwind CSS
 - **Development Tools:** Git, GitHub, Webpack, Vite, Parcel
 - **API Integration:** RESTful APIs, GraphQL, Fetch API, WebSockets, JSON
 - **Responsive Design:** Media Queries, Flexbox, CSS Grid
 - **Testing & Debugging:** React Testing Library, Chrome DevTools
 - **Other Skills:** Web Hosting, Jira, Data Analysis, Slack, Excel, Spreadsheets.
 - **Database:** Mysql, SQL
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Professional Experience

HNR Tech (Simple Tire)

Data QA Analyst | March 2023 - Present | Mumbai, Maharashtra

- Conducted **data analysis and validation** to ensure **data integrity and accuracy** across systems.
- Identified and resolved **data quality issues** through root cause analysis and implemented **corrective actions**.
- Executed **SQL queries** (MySQL) for debugging and data validation purposes.
- Collaborated on **data integration and migration projects**, ensuring seamless data quality maintenance.
- Provided **data-driven insights** to enhance business decision-making processes.

Canvazo

Web Development Intern | March 2021 - April 2022 | Mumbai, Maharashtra

- Developed **responsive web applications** using **HTML, CSS, JavaScript, and WordPress**.
- Utilized **Git and GitHub** for version control, enabling efficient team collaboration.
- Documented **codebase and project workflows** for future reference and scalability.

- Implemented **UI/UX improvements** to enhance user engagement and satisfaction.
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Academic Projects

TechSpark | HTML, CSS, JavaScript, MySQL, Android Studio, XML | Nov 2019 - Feb 2020

- Developed an **online registration app** for participants, automating the registration process.
- Integrated the app with **XAMPP** for local development and debugging.
- Designed and optimized **database schemas** for Students, Admin, and Teachers modules.

Smart Office & Smart Farming | IoT Frameworks, Data Analytics

- Built **IoT-based solutions** to enhance efficiency and sustainability through automation.
- Leveraged **data analytics** to provide actionable insights for operational improvements.

ProTrac Model | Software Engineering Methodologies

- Designed and implemented a **software engineering model** to streamline project tracking.
- Improved development workflows by integrating **agile methodologies**.

Self Projects

- **Portfolio Website:** <https://karans21portfolio.netlify.app/>
 - **Tic Tac Toe Game:** <https://tic-tac-toe-gameks.netlify.app/>
 - **Rock Paper Scissors Game:** <https://rockpapersissors-game.netlify.app/>
 - **Fitness Point Gym:** <https://fitnespoint.netlify.app/>
 - **E-com Artistcart shopping:** <https://artistcart.netlify.app/>
 - **Interactive Quiz:** <https://interactive-quiz21.netlify.app/>
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Education

Mumbai University | Master of Science in Computer Science | Dec 2020 - Nov 2022

- **CGPA:** 9.2/10

Mithibai College (SVKM) | Bachelor of Science in Computer Science | June 2017 - March 2020

- **CGPA:** 7.7/10
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Certifications

- **HTML:** Certified
 - **CSS:** Certified
 - **JavaScript:** Certified
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Achievements

- **State-Level Medalist in Boxing;** National Selection.
 - **Sports Representative,** Mithibai College Student Council.
 - **Best Sports Boy of the Year** (2014, 2015, 2017, 2020).
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Soft Skills

- Problem-Solving | Attention to Detail | Collaboration
- Communication | UI/UX Understanding | Time Management