

Kabir Sharma

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EDUCATION

SRM Institute of Science and Technology <i>Bachelor of Technology in Computer Science</i>	2022-Present <i>Current CGPA: 9.5</i>
Delhi Public School Ghaziabad <i>Class XIIth, Central Board for Secondary Education</i>	2022 83.2%
Delhi Public School Ghaziabad <i>Class Xth, Central Board for Secondary Education</i>	2020 94.4%

PROJECTS

Smart Eye - Detect faces in images <i>React, Redux, Node, PostgreSQL, Tachyons</i>	Present
<ul style="list-style-type: none">Developed server-side logic with Node.js and Express, integrated Clarifai API for face detection.Implemented secure authentication using bcrypt, managed user sessions.Designed and implemented PostgreSQL database schema, wrote SQL queries for data retrieval and manipulation.Enhanced user experience through intuitive UI design and smooth navigation using React and Tachyons.	
Infinity Scroll <i>JavaScript, HTML5, SCSS, Bootstrap</i>	May 2024
<ul style="list-style-type: none">Eliminated pagination by utilising Unsplash API to dynamically fetch and load images as the user scrolls.Utilised Bootstrap to make the website fully responsive across multiple devices and screens.	
Pharmacy Management System <i>Python, MySQL</i>	April 2024
<ul style="list-style-type: none">Utilised Streamlit for developing the front-end of the application.The interface will help the pharmacist to maintain the records of the medicines, handle user and admin details, check and renew the validity of the medicines and orders placed by the customer.Created signup and login pages for each user, allowing customers to order medicines.	
Formula One Tyre Strategy Visualiser <i>Python, Matplotlib, NumPy</i>	2023
<ul style="list-style-type: none">Plots lap times for different strategies to visually compare their effectiveness.Evaluates different tyre combinations to determine the best pit stop strategy.	

ACHIEVEMENTS

• Best delegate award, Model United Nations, DPSG for All India Political Parties Meet	2020
• Position of responsibility: School Head Boy	2019
• During Inter-School Techno-Cultural fest, ideated a blueprint on consultation social media app for doctors	2017
• Conferred the title of 'Zila Bal Vigyanik' by the National Children Science Congress	2016
• Winner at Robotronics for designing a functional robot that could navigate a maze	2015
• Position of responsibility: School Head Boy	2014
• Bronze medalist at National Science Olympiad organized by Science Olympiad Foundation	2014
• Gold Medalist at National Science Olympiad organised by Science Olympiad Foundation	2012

SKILLSET

Languages: JavaScript, C++, Python, SQL, HTML, CSS
Libraries : React, OpenSDL, Redux, Matplotlib
Frameworks: Tailwind, Bootstrap, Tachyons, MaterialUI
Developer Tools: Git, GitHub, VS Code, JetBrainsIDE, Figma, Photoshop, Windows, MacOS, Microsoft Office Suite

RELEVANT COUSEWORK

Data Structures and Algorithms, Design and Analysis of Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Artificial Intelligence, Internet Of Things, Professional Ethics, Social Engineering, French