

Johnson Raj

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SKILLS

- **Languages:** C, C++, Java, JavaScript, PHP, SQL
- **Frameworks:** HTML and CSS, Bootstrap, Tailwind CSS, Node.js, React.js, Express.js, Spring Boot
- **Tools/Platforms:** MySQL, MongoDB, Git, GitHub, VS Code
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

- **Tic-Tac-Toe Game - Interactive 2-Player Game with Custom Features:** Apr' 2025
Developed a 2-player Tic-Tac-Toe game with interactive UI and smooth gameplay. Implemented custom player names, turn tracking, and dynamic victory messages. Ensured responsive design for mobile, tablet, and desktop devices.
Tech: HTML, CSS, JavaScript (Factory Functions, Module Pattern)
- **Booking Appointment with Doctor - Online platform for booking doctor appointments:** Nov' 2024
Developed an online doctor appointment booking platform. Used HTML, CSS, JavaScript for frontend; Node.js, Express.js for backend. Implemented MongoDB for database and JWT for secure authentication. Features include doctor availability, appointment booking, and patient management.
Tech: HTML, CSS, Javascript, MongoDB, Node.js, Express.js, API Development.
- **IRCTC Clone - Online Train Ticket Booking Platform:** Feb' 2023
Built a real-time train ticket booking system with secure user authentication. Frontend developed using HTML, CSS, and JavaScript. Backend implemented with Node.js and Express.js; used MongoDB and SQL for databases. Key features include train search, ticket booking, and user management.
Tech: HTML, CSS, JavaScript, MongoDB, SQL, Node.js, Express.js, API Development.
- **Synthetic Calculator – Advanced Math Computation Tool** Dec' 2022
Built a web-based calculator for synthetic division and polynomial operations. Used Python for backend logic and JavaScript for frontend interactivity. Designed a clean UI with HTML and CSS for seamless user experience. Implemented real-time result display and input validation features.
Tech: Python, JavaScript, HTML, CSS.

CERTIFICATES

- Complete Interview Preparation - Self-Paced (C++) by GFG. Jan-Jun 2024
- NPTEL Certification in Cloud Computing – IIT Kharagpur Jul-Oct 2024
- Mastering Data Structures & Algorithms using C and C++ – Udemy Feb-Mar 2023

ACHIEVEMENTS

- **Led team activities and drills as part of Scott Guide Parvesh Training:**
Completed Parvesh Certificate
- **Represented Oxford Public School in 2019 Parade:**
Winning Silver Medal
- **Earned 3-star rating and 95 points in C++ on HackerRank:**
problem-solving and coding excellence.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 6.15 Since August 2022
- **Kanhai Lal Sahu College** Nawada, Bihar
Intermediate; Percentage: 75.80% April 2019 - March 2021
- **Oxford Public School** Jamui, Bihar
Matriculation; Percentage: 79.80% April 2017 - March 2019