Swaraj Kumar

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EDUCATION

Chandigarh University	Gharuan, Punjab
Bachelor of Engineering in Computer Science - 81%	*Aug. 2020 – June 2024*
BD Public School	Patna, Bihar
CBSE - 80.8%	*April. 2019 – May 2020*
International School	Patna, Bihar
ICSE - 75%	*March. 2017 – May 2018*

TRAINING & INTERNSHIP

Web Development Scholar Intern   June 2022 – July 2022

Twowaits Technology
- Developed and maintained web applications using modern web development technologies.
- Worked on real-world projects with experienced web developers.
- Learned about the latest web development trends and best practices.

Web Development Training   December 2022 – Feb 2022

Internshala
- Learned essential web development skills and technologies, including HTML, CSS, JavaScript, Bootstrap, MySQL.
- Gained hands-on experience in web development by completing several projects and assignments.
- Enhanced teamwork and communication skills by collaborating on group web development projects.

PROJECTS

Prime Location | *HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, EJS, MongoDB*   January 2024
- Developed an appealing and user-friendly restaurant website using HTML, CSS, EJS, JavaScript, Node.js,Express.js, and MongoDB.
- Crafted a user-friendly and adaptive interface, guaranteeing a flawless browsing journey on various devices.
- Engineered a feedback and rating system empowering users to contribute insights, delivering valuable information to enhance the restaurant's performance.

Realtime Chat application | *HTML, CSS, JavaScript, React.js, sockets.io, REST API*   October 2023
- Developed a Real-Time Chat Application that involved implementing features such as user authentication, messaging interface, and real-time updates using WebSocket technology for seamless communication.
- Integrated RESTful APIs to handle user authentication also implemented CRUD operations to interact with the server-side database
- Ensured Scalability, minimized latency and Performance by ensuring smooth and responsive messaging even under high loads.

Book Store Application | *React.js, Node.js, Express.js, MongoDB*   February 2023
- Developed a full-stack book store application using the MERN stack (MongoDB, Express.js, React, Node.js), ensuring seamless integration between the frontend and backend through RESTful APIs.
- Designed a responsive and dynamic user interface with React.js and Redux, enhancing user experience and engagement.
- Implemented advanced search and filtering functionality, allowing users to efficiently find and sort books, significantly improving user satisfaction and engagement.

TECHNICAL SKILLS

Languages Tools: C, C++, Java, HTML, CSS, JavaScript
Frame Works: React.js, Node.Js, Express.Js, Bootstrap
Databases: RDBMS-MySQL, Firebase, MongoDB
Computer Fundamentals: OOPS, DBMS, Data Structure and Algorithms, Operating System, Computer Networks

ACHIEVEMENTS

- 500+programming problems solved on competitive programming platforms.
- NPTEL Certificate of Merit in Software Testing by IIIT Bangalore.
- NPTEL Certificate of Merit in Data Mining by IIT Kharagpur.
- Coursera Certificate of Merit in Data Structure by UC San Diego.