

AVNI SINGH

9305694682 · avnisingh298@gmail.com · <https://www.linkedin.com/in/avnisingh25/>
Lucknow/Delhi

SOFTWARE ENGINEER TRAINEE

Motivated Software Engineer Trainee with hands-on experience in HTML, CSS, JavaScript, ReactJS, Bootstrap, and Node.js. Skilled in API integration, MySQL database management, and proficient in version control using Git. Strong understanding of front-end and back-end development, with the ability to create responsive, user-friendly interfaces. Known for a detail-oriented approach and effective problem-solving skills, with a passion for learning emerging technologies.

EDUCATION

Shri Ramswaroop Memorial University(2022-2024)

Master in Computer Application

Lucknow University(2019-2022)

Bachelor in Computer Application

PROFESSIONAL EXPERIENCE

Varion Advisor Analytics

June 2024- Present

Software Engineer Trainee

- **Upicon Website** — Developed the frontend of a responsive web application using ReactJS, HTML, CSS, and JavaScript. Integrated third-party APIs to fetch and display dynamic content, ensuring seamless data flow between the front-end and back-end systems. Utilized MySQL for database management, writing efficient SQL queries for data storage and retrieval. Started working with AWS cloud services for image storage and management, optimizing cloud solutions for scalability and performance.
- [Visit here](#)
- **Website with Dashboard** — Developed and maintained the frontend of a web application using ReactJS, implementing API integration for dynamic content display. Built an interactive dashboard for efficient data presentation, allowing users to add, delete, and update events. Optimized for scalability
- [Visit here](#)

Varion Advisor Analytics

March 2024- May 2024

Intern

- Developed a **full-stack chat application** using MongoDB, Express.js, React, and Node.js, showcasing expertise in both front-end and back-end development.
- Implemented real-time messaging using Socket.io, enabling instant communication between users.
- Built RESTful APIs with Express.js for user authentication, message handling, and room management.
- Created a responsive user interface with React, ensuring seamless user experience across devices.
- Integrated MongoDB for storage and retrieval of user data and chat messages.
- Ensured secure user authentication using JWT, providing safe and reliable access control.

- Learned foundational web development skills, including HTML, CSS, and JavaScript, to create responsive and interactive websites.
 - Completed a project on **Hospital Management**, developing a web application that manages patient records, appointments, and staff information, integrating both front-end and back-end technologies.
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PROJECTS-

- **Tic-Tac-toe** (frontend with Reactjs)
 - **Timer Game** (frontend with Reactjs)
 - **Website Templates**
 - **Portfolio**
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CERTIFICATIONS-

- Javascript(basic) - Hackerrank
 - Sql (intermediate) - Hackerrank
 - React(basic) - Hackerrank
 - Frontend developer (react) - Hackerrank
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AWARDS-

- Research chapter on 5g technology for Decentralization system (Author :Avni Singh, Megha Aggarawal)