

# Mohammad Sameer Malek

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<https://sameer-portfolio-site.vercel.app/>

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## SKILLS

**Languages and Frameworks:** Java, C#, Python, SQL, JavaScript, React.js, Express.js, Node.js, MongoDB, Next.js, React Native, Data Structures and Algorithms (Java), Version Control (GitHub), Object Oriented Design, Agile Development.

**Technologies:** ASP .NET, MySQL, REST API, Git, Google Analytics, Figma, Microsoft Visual Studio Code, Visual Studio, Vercel, Netlify.

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## PROJECTS

- **Estate-Ease : (MERN Stack)** May 2024
    - Engineered a comprehensive and robust full-stack application using MERN stack (MongoDB, Express.js, React.js, Node.js) to streamline property rental and buying processes.
    - Implemented efficient data management by leveraging Prisma ORM for streamlined CRUD operations and MongoDB for efficient data storage, resulting in a 40% reduction in property search time.
    - Enhanced security and authentication through JWT Cookie Authentication and bcrypt for secure user login and password hashing, ensuring 99.9% security of user data.
    - Crafted an interactive and responsive UI using HTML, SCSS, and React.js, resulting in a visually captivating interface and slashing page load times by 25%.
    - Integrated WebSocket.io for real-time chat functionality, elevating user engagement and interaction experience.
    - Facilitated image uploads and storage using Cloudinary and incorporated an interactive map component with React Leaflet Map Library for property location visualization, optimizing performance and user experience.
    - **Technologies Used:** Node.js, Express.js, Prisma MongoDB, JWT Cookie Authentication, bcrypt, middleware integration, Cloudinary, MVC Model, WebSocket.io, Axios, HTML, SCSS, React.js, Figma, React-Router DOM, React Leaflet Map Library, Zustand.
  - **Portfolio: (Next.js)** June 2024
    - Created a robust web application using React.js and Next.js, emphasizing server-side rendering (SSR) for fast load times and optimized performance.
    - Utilized Tailwind CSS for responsive and mobile-first UI design, achieving optimal usability across various devices and screen sizes.
    - Applied fluid animations and seamless transitions using Framer Motion, significantly improving visual appeal.
    - Incorporated @formspreet/react for streamlined form submissions, guaranteeing reliable data collection and enhancing user interaction within the application.
    - Leveraged Next.js SSR to maximize performance metrics, resulting in reduced page load times and heightened organic traffic.
    - Deployed the project using Vercel, ensuring flawless deployment and achieving high availability with automatic scaling.
    - **Technologies Used:** React.js, Next.js, Framer Motion, Tailwind CSS, React Icons, React Router, HTML5, CSS3, JavaScript (ES6+), Vercel.
  - **Taza-Khabar : (React.js and News-API)** April 2024
    - Spearheaded the development of a News application website using React.js, leveraging its component-based architecture to enhance modularity and maintainability.
    - Executed seamless client-side navigation and routing with React Router, ensuring efficient rendering of views such as business, entertainment, health, science, sports, and technology news based on URL paths.
    - Employed asynchronous data fetching from a REST API (News API) using fetch and async/await to optimize network requests, achieving a 30% reduction in data fetching time and dynamically updating news content based on selected categories.
    - Enhanced user interaction and accessibility by integrating features like a responsive Navbar component and collapsible menu functionality using Bootstrap, ensuring optimal usability across devices.
    - Managed component state effectively with React's setState to control loading states, pagination, and news article data, while integrating Infinite Scroll functionality (react-infinite-scroll-component) for progressive content loading.
    - Applied responsive design principles with CSS, including media queries and flexbox layouts, to achieve a visually appealing and responsive UI. Practiced animations for visual feedback using CSS keyframes, ensuring an engaging user experience.
    - **Technologies Used:** React.js, React Router, Bootstrap, CSS, HTML, Node.js, npm, fetch API, News API, react-infinite-scroll-component, react-top-loading-bar.
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EDUCATION

<b>Southern Alberta Institute of Technology, Calgary, AB</b> <i>Technical Diploma in Software Development</i>	<i>April 2023 – Dec. 2024</i>
<b>Hanifa English Medium School, Gujarat, India</b> <i>Higher Secondary Education- CBSE Board</i>	<i>April 2020 – April 2021</i>

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CERTIFICATION

◦ Building Modern Projects with React, <i>LinkedIn</i>	<i>April 2024</i>
◦ Java Object-Oriented Programming, <i>LinkedIn</i>	<i>Mar. 2024</i>
◦ Learning SQL Programming, <i>LinkedIn</i>	<i>Mar. 2024</i>
◦ Figma for UX Design, <i>LinkedIn</i>	<i>Nov. 2023</i>
◦ GitHub Essential Training, <i>LinkedIn</i>	<i>Aug. 2023</i>
◦ Building mobile and Desktop app with Blazor and .NET MAUI, <i>Microsoft</i>	<i>Oct. 2023</i>