

# SOHAM MANISH MEHTA



## SUMMARY:

- Experienced **Full stack / React Developer** involved in designing responsive and dynamic user interface applications, testing and documentation of professional web applications with background in Cybersecurity.
- Proficient in developing **MERN** stack web applications using **React.JS**, **Node.JS**, **Express.JS**, and **MongoDB**.
- Experienced in React development with a focus on state management, side effect handling, and avoiding Class Components through the use of **React Hooks** and **Redux**. Also proficient in **React Router** for dynamic routing.
- Skilled in creating responsive web interfaces using **React Bootstrap**, leveraging its pre-designed components and layouts for efficient and consistent design implementation.
- Proficient in utilizing **async/await** syntax in the MERN stack for handling asynchronous operations, simplifying code readability and maintenance while ensuring efficient handling of **database queries**, **API calls**, and other asynchronous tasks.
- Expertise in designing and developing **RESTful** web applications using **NodeJS** libraries, like **express**, **mongoose**, **body-parser**, **axios**, **dotenv**, and **cors**.
- Skilled in implementing **JSON Web Token(JWT)** for server-side authentication.
- Experience in using **axios** package to make promise-based **HTTP requests** and intercept all requests and responses for authentication and error handling in React applications.
- Proficient in developing web interface using **HTML5**, **CSS3**, **SCSS**, **Tailwind CSS**, **JavaScript**, **Material-UI**.
- Expertise in making the pages dynamic using **AJAX** and **jQuery**, with **JSON**.
- Skilled in using **Bootstrap**, **CSS Media Queries** for responsive web design.
- Proficient in deploying React applications to **GitHub Pages** using **ghpages**, enabling easy and free hosting of static websites directly from GitHub repositories.
- Proficient in using dynamic data visualization libraries like **D3.JS**, **Fusion Charts**, **Google Charts** as well as **High charts**.
- Expertise in using databases like **MongoDB**, **Firebase**, **MySQL**, **PostgreSQL**, **SQL**.
- Expertise in using **Git**, **GitHub**, **Bitbucket** as a version controlling tool and **Jenkins**, **CircleCI** for **CI / CD** with **Jira** for bug tracking.
- Experience working in fast-paced environment using **Agile**, **Scrum**, **Kanban**, Test-Driven development, and **Waterfall** methodologies.
- Excellent analytical and problem-solving skills. Ability to learn new concepts fast.
- Skilled in configuring **Cloudflare** as a Content Delivery Network (CDN) and managing DNS settings, optimizing website performance, security, and reliability through global content caching and intelligent traffic routing.
- Proficient in **Python** programming language, with experience in developing scripts and applications for various purposes, including automation, data analysis, and web development.
- Proficient in using the **XAMPP** framework for local development and testing of web applications, providing an easy-to-install and configure environment with **Apache**, **MySQL**, **PHP**, and **phpMyAdmin**.

## TECHNICAL SKILLS:

<b>Web Technologies</b>	HTML5, CSS3, JavaScript, Bootstrap, SCSS, JSON, PHP, Framer Motion, Python, Tailwind CSS, Material UI
<b>Framework / Libraries</b>	React.JS, Redux, Redux Thunk, Node.JS, Express.JS, Apache
<b>Visualization Tools</b>	Google Charts, D3.JS, Fusion Charts, High Charts
<b>Testing Tools</b>	Pytest, Unittest
<b>Databases</b>	SQL, MySQL, PostgreSQL, MongoDB, Firebase DB, MariaDB, Oracle
<b>Version Control</b>	Git, GitHub, Bitbucket
<b>IDE</b>	Visual Code, Sublime, Notepad++
<b>Tools</b>	Postman, Jira, Burp Suit, Nessus, Autopsy, Disk Drill
<b>Methodologies</b>	Agile, Scrum, Kanban
<b>Stacks</b>	MERN, XAMPP
<b>OS</b>	Windows, Linux, Unix, Ubuntu, Kali Linux

## PROFESSIONAL EXPERIENCE:

**Hilton Hotel Operations Center, Memphis, TN**

**Feb 2024 to Till Date**

**Project: Room Management**

**Role: Front-End Developer**

### Description:

Hilton Worldwide Holdings Inc. is a leading global hospitality company, headquartered in Jersey City, NJ. With a legacy of excellence spanning decades, Hilton is renowned for its luxurious accommodations, impeccable service, and commitment to exceeding guest expectations.

The goal of this project is to offer seamless interaction between management, room service and customers, enhancing guest experiences at Hilton properties. Creating a streamlined operation, improving communication, and delivering prompt service. The objective of the project was to empower staff and guests with tools that enhance convenience.

### Responsibilities:

- Developed a room management application using the MERN stack, combining **MongoDB, Express.JS, React, and Node.JS** for robust functionality and seamless user experience.
- Utilized **Redux and Thunk** middleware for state management, ensuring efficient data flow and centralized control across the application.
- Designed a **role-based interface** catering to different user types, including managers, desk team members, room service personnel, and customers.
- Implemented a **task assignment system based on priority**, enabling room service personnel to access and manage tasks efficiently. This resulted in a **decrease of 30% in the time** it took to assign tasks and significantly improved responsiveness to customer needs.
- Integrated **GraphicsMagick** for image upload, reducing processing time by 25% and optimizing image sizes by up to 20%, enhancing efficiency and bandwidth usage.

- Utilized **HTML5 and CSS3** for structuring and styling the web application, ensuring compatibility and responsiveness across devices.
- Implemented **React Bootstrap** for efficient UI development, utilizing pre-built components for rapid prototyping and consistent design. Which led to a **reduction of development time by 30%**.
- Utilized **SCSS** for streamlined styling and maintainability, leveraging variables, mixins, and nesting for enhanced CSS management.
- Adopted an **Agile** development methodology for iterative development and continuous improvement, ensuring flexibility and responsiveness to changing requirements.
- Utilized **Git** for **version control**, enabling collaboration and code management across development teams.
- Managed project tasks and workflows using **Jira**, facilitating project tracking, issue management, and team collaboration.

#### **Environment:**

**React.JS, Node.JS, Express.JS, JavaScript, MongoDB, HTML5, CSS3, SCSS, Agile, Git. Jira**

**Unnati Institute, Hoboken, NJ**

**Jun 2023 to Jan 2024**

**Role: Full Stack Developer**

**Project: Website**

#### **Description:**

Unnati Institute specializing in nurturing holistic development for individuals aged 4 and above. From Early Childhood Care and Education (ECCED) to refining handwriting, mastering phonics and grammar, and fostering a love for reading, Unnati Institute's comprehensive programs cater to diverse learning needs. Moreover, yoga sessions for physical and mental well-being, expert analysis in doodling, drawing, and signature styles, and fashion designing courses are also offered. With a client-centric approach, Unnati Institute is dedicated to empowering individuals to realize their full potential in a nurturing environment.

The goal of the project was to increase the reach and creating online presence for the institution.

#### **Responsibilities:**

- Led the development of a dynamic and user-friendly website for Unnati Institute.
- Collaborated closely with stakeholders to understand project objectives and translate them into technical requirements.
- Utilized **React.JS** to build the front-end of the responsive website, enabling dynamic and interactive user interfaces for showcasing the institute's services, activities, testimonials, and contact information.
- Leveraged **Node.JS** primarily for package management, enabling efficient installation of libraries and dependencies required for the development of the website.
- Utilized **HTML5** to structure the content of the website, ensuring semantic markup and compatibility with modern web standards, enhancing accessibility and search engine optimization.
- Employed **Bootstrap** to implement responsive design principles, enabling the website to adapt fluidly to various screen sizes and devices, providing an optimal viewing experience for users across platforms.
- Utilized **CSS3**, with a focus on **SCSS** (Sass), for advanced styling and layout customization. SCSS provided enhanced features such as variables, mixins, and nesting, streamlining the styling process and improving maintainability of the website's design elements.
- Implemented **Email.JS** for seamless communication.

- Ensured the website adhered to best practices in user experience design and accessibility standards.
- Employed **Git** for version control, ensuring seamless collaboration and efficient management of codebase changes throughout the project lifecycle.
- Leveraged **Jira** for comprehensive project management, facilitating task tracking, issue resolution, and progress monitoring in an organized and transparent manner.
- Maintained thorough **documentation** within Jira, including **user stories**, **sprint planning**, and **bug tracking**, to streamline team communication and decision-making processes.
- Created online presence and Business profile on Google for the institution.

#### **Environment:**

**React.JS, JavaScript, Node.JS, HTML5, CSS3**

**Solar Management, Hoboken, NJ**

**Feb 2022 to Jun 2023**

**Role: Full Stack Developer / Scrum Master**

#### **Description:**

Solar project management website streamlines the entire process from customer registration to resource management and equipment requests. Developed using the MERN stack (MongoDB, Express.JS, React.JS, Node.JS), it boasts a robust database, scalable server, and responsive interface, facilitating agile development through continuous integration and deployment. Key roles like Sales, Operation Manager, Operation Engineer, Site Inspector, and Team Lead ensure seamless project execution, from initial setup to meticulous oversight, guaranteeing timely and budget-conscious completion.

#### **Responsibilities:**

- Led a team of 5 to develop a Solar Project Management tool, resulting in a 30% improvement in project delivery timelines.
- Implemented a **MERN** stack and **Redis** solution, enhancing connectivity between internal teams and customers.
- Optimized development flow, achieving a 25% reduction in overall project development time.
- Successfully integrated **RESTful API** endpoints, contributing to a 20% increase in system efficiency.
- Conducted comprehensive code **refactoring**, resulting in a 15% improvement in overall codebase performance.
- Facilitated effective communication among cross-functional teams, ensuring alignment with project goals and client expectations.
- Implemented **Agile** methodologies such as pair programming, side by side programming, and extreme programming to foster collaboration and innovation.
- Leveraged **React.JS** to create interactive and dynamic user interfaces, enhancing overall user experience and engagement.
- Utilized **NodeJS** to build scalable and efficient server-side applications, enabling seamless communication between client and server.
- Applied advanced **JavaScript** techniques to develop robust and performant web applications, ensuring high-quality user interactions.
- Employed **Express.JS** to streamline the development of web applications, simplifying routing and middleware integration.
- Implemented **MongoDB** to establish flexible and scalable database solutions, facilitating efficient data storage and retrieval.
- Utilized **HTML5** to structure web pages with semantic markup, optimizing accessibility and search engine visibility.

- Styled web applications using **CSS3** to create visually appealing and responsive designs, enhancing user satisfaction and usability.
- Managed version control, collaborative coding processes, and project repositories efficiently using **Git** and **GitHub**, ensuring code integrity, version tracking, and streamlined team collaboration.

**Environment:**

**React.JS, Node.JS, JavaScript, Express.JS, MongoDB, Redis, HTML5, CSS3, Agile, Git. Jira**

**i2e Consulting Pvt. Ltd., Mumbai, IN**

**Aug 2021 to Dec 2021**

**Project: Pats!**

**Role: Web Developer**

**Description:**

i2e Consulting Pvt. Ltd is a leading global IT consulting firm specializing in innovative solutions across industries such as healthcare, finance, and manufacturing. They focus on cloud computing, AI, and digital transformation to help businesses thrive in today's dynamic landscape.

The project Pats! was developed as an internal recognition platform developed by i2e Consulting Pvt. Ltd. It is designed to facilitate peer-to-peer recognition within the organization. The platform allows employees to acknowledge and appreciate their colleagues for their contributions and achievements. Through "Pats," employees can boost morale, foster a positive work culture, and enhance team collaboration by publicly recognizing and celebrating each other's successes.

**Responsibilities:**

- Collaborated closely with a dynamic team to conceptualize, design, and implement the Internal Recognition Platform "Pats" using **React, PHP, HTML5, CSS3, Redux, React Dom and JavaScript**.
- Spearheaded the development and deployment of the "Pats" platform, which resulted in a remarkable 30% increase in peer-to-peer recognition within the organization.
- **Managed documentation** and conducted comprehensive **employee training** sessions to ensure seamless adoption and utilization of the "Pats" platform across all departments.
- Implementing **PHP** for defining routes, handling request/response formats, and enforcing **RESTful** principles such as using **HTTP methods (GET, POST, PUT, DELETE)** for CRUD operations and utilizing proper status codes.
- Led the development efforts for Newsletters utilizing **Microsoft Dynamics**, resulting in a notable 20% increase in stakeholder engagement and feedback.
- Worked closely with stakeholders to gather requirements and deliver requested components for Client Websites utilizing **WordPress** and **React**.
- Contributed to a 15% improvement in website functionality and user experience through the development and integration of requested components.
- Revitalized the Official I2E website, implementing **blogs** and **forms** to enhance user interaction, leading to a 25% increase in website traffic and a 10% boost in user engagement.

**Environment:**

**React.JS, Node.JS, JavaScript, PHP, MySQL, Apache, MS Dynamics, WordPress, HTML5, CSS3**

**Perfect Trader, Mumbai, IN**

**Jun 2020 to Aug 2021**

**Project: Covi Check**

**Role: Full Stack Web Developer**

**Description:**

Covi-Check, a web-based platform designed to empower individuals with real-time information on COVID-19 spread and contamination zones in their neighborhoods, while tracking infection counts at city and state levels. By offering intuitive interface and advanced mapping technologies, Covi-Check enables users to make informed decisions to safeguard personal health and contribute to community well-being. With features including neighborhood spread tracking and contamination zone identification, Covi-Check serves as a vital tool in the fight against COVID-19, providing clarity and guidance amidst the challenges of the pandemic while continuously evolving to meet the changing needs of users.

**Responsibilities:**

- Designed and Developed the Covi-Check website using **PHP, HTML5, CSS3, and Apache**, ensuring a responsive and user-friendly interface.
- Implemented dynamic features such as real-time data updates and interactive mapping using **JavaScript and AJAX**.
- Designed and maintained the **MySQL** database backend to securely store and manage COVID-19 data, ensuring efficient data retrieval and storage.
- Provided ongoing support and maintenance, including addressing user feedback, implementing feature enhancements, and resolving technical issues promptly.
- Authored a comprehensive user manual for Covi Check, providing clear instructions to users.
- Developed a client management portal using modern technologies:
  - **React**: Built an interactive and responsive user interface.
  - **HTML5 and CSS3**: Ensured visually appealing design.
  - **Tailwind CSS**: Streamlined styling and maintained consistency.
  - **Node.JS and Express.JS**: Facilitated communication between client-side and backend.
  - **MongoDB**: Efficiently stored and retrieved client details, ongoing site work, and payment information.
- Empowered company employees to:
  - **Manage Client Details**: Input, update, and retrieve essential information about clients.
  - **Track Ongoing Site Work**: Monitor project progress and work status.
  - **Save Payment Information**: Securely store payment details related to client transactions.

**Environment:**

**HTML5, CSS3, Tailwind CSS, React, Node.JS, Express.JS, MongoDB, JavaScript, PHP, MySQL, Apache, JavaScript, Ajax, VS Code**

**Shah and Anchor Kutchhi Engineering College, Mumbai, IN**

**Jun 2019 to May 2020**

**Project: Feedback Management System**

**Role: Web Developer**

**Description:**

Feedback Management System tailored for colleges, facilitating the seamless collection and analysis of student feedback on various aspects including curricular and extra-curricular activities, faculty performance, administrative processes, and overall campus experience by creating graphical representation using google charts. This centralized platform streamlines the feedback collection process, providing college management with valuable insights to enhance academic programs, improve faculty-student interactions, and optimize campus operations, fostering a dynamic and student-centric learning environment.

**Responsibilities:**

- Designed and developed a Feedback Management System tailored for college students, enabling them to provide feedback on professors, curriculum, and overall college experience.
- Led a team of 6 members, overseeing **development**, **debugging** processes and providing **constructive feedback** on their work.
- Utilized **PHP**, **HTML**, **CSS**, and **Ajax** to create dynamic and interactive user interfaces for the Feedback Management System.
- Integrated **Google Charts** for graphical representation of feedback data, providing college management with valuable insights into various aspects of campus life.
- Utilized **Git** and **GitHub** for **version control**, ensuring streamlined collaboration and **code management** within the team.
- Implemented updates to the website and its **file system**, emphasizing modularity and efficiency enhancements. Engineered a **database**, creating and managing **data relations**. Utilized **MySQL** for database management and created all **queries** to access **data efficiently**.
- Hosted the system on an **Apache server** within the college's internal network, ensuring secure and reliable access for users.
- Developed **wireframes** using **Figma**, providing visual representations of the system's interface for planning and design purposes.
- Conducted **user testing** and gathered feedback to iteratively improve the **user experience** of the Feedback Management System.
- Collaborated with college **stakeholders**, including students, faculty and administrators, to gather requirements and ensure the system met their needs effectively.
- Implemented security measures, such as **input validation** and **user authentication**, to protect sensitive student data within the system.
- Provided technical support and **training** to students, college staff and faculty members on how to use the Feedback Management System.

**Environment:**

**PHP, HTML, CSS, Ajax, Google Charts, Apache, MySQL, Git, GitHub, Figma**

**CERTIFICATION:**

- Certified Ethical Hacker – EC Council
- Cybersecurity It Fundamentals Specialization – IBM
- Security Analyst Fundamentals Specialization – IBM
- IT Automation Professional – Google
- IT Support Professional – Google
- JavaScript for Web Designers – LinkedIn
- Introduction to Web APIs – LinkedIn
- Creating a Security Awareness Program – LinkedIn
- React Creating and Hosting a Full Stack Site – LinkedIn

**EDUCATION:**

Master of Science in Cybersecurity  
Bachelor of Engineering in Computer Engineering  
Diploma in Computer Engineering