# NAVEEN MP

## MERN STACK DEVELOPER

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## PROFILE SUMMARY

Proficient **MERN** Stack developer with experience in crafting **dynamic front-end interfaces** and **robust back-end solutions**. Developed a strong ability to prioritize tasks and manage time effectively through project completions and reviews, ensuring the timely completion of projects and adherence to the highest standards. Committed to delivering quality solutions and continuously advancing skills through learning and growth.

## TECHNICAL SKILLS

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| **Languages** | : JavaScript, TypeScript |
| **Front-End Development** | : React.js, Bootstrap, Tailwind CSS, Redux, Redux Toolkit, HTML, CSS |
| **Back-End Development** | : Node.js, Express.js, Mongoose, Socket.IO, JWT |
| **Databases** | : MongoDB, MySQL |
| **Cloud Services** | : AWS, EC2, Route 53, Nginx, Firebase, S3, CloudFront, Cloudinary |
| **Integrations** | : Razorpay, ZEGOCLOUD |
| **Familiar with** | : Data Structures and Algorithms, RESTful API, Figma, Postman, Git |

## PROJECTS

### Sickomode (Social-Media Platform)                    Live Link | GitHub: Frontend | Backend

Sickomode is a social media platform designed to optimize connectivity and engagement through advanced real-time communication tools and interactive features. It offers real-time chat, video calls and secure access control, ensuring seamless interaction and data security for its users.

- Secured role-based user authentication and account creation using **JWT**, facilitated smooth frontend and backend connectivity with **Axios** and **CORS** while ensuring secure access control.

- Users can follow/unfollow others and engage in live chat using **Socket.io** for real-time communication.

- Upload and manage media using **Cloudinary**, with features for tagging others in photo posts.

- Efficient engagement with posts via likes, comments and replies, supported by optimized **data structures**.

- Integrated **ZEGOCLOUD** for video call capabilities, enhancing direct interaction.

- Admin panel developed using **chart.js** for analyzing no of users and managing user interactions.

- The project leverages **REST APIs** and the **Clean Architecture** for its development.

- Deployed on **AWS EC2**, hosted using **Nginx** for server management.

- Implemented **Certbot** for SSL certification to ensure secure HTTPS communication.

- **Technologies used:** Node.js, Express.js, React.js, Redux, MongoDB,TypeScript, Tailwind CSS, Nginx, Git

## Ozorawatches (E-Commerce Web Application)                    Live Link | GitHub

The Ozora Watches is an E-Commerce web application designed to deliver a seamless shopping experience for premium watches. It offers user-friendly navigation, a comprehensive product catalog, and secure payment options, all aimed at simplifying the online shopping process for high-quality watches.

- Secure user authentication using **Express Session**.

- Utilized **Nodemailer** for OTP-based verification.

- Implemented discounts and offers to enhance customer engagement, leveraging **node-cron** for automated management of coupon and offer expirations.

- Allows users to save desired products for future purchases with the **Wishlist** feature.

- Enhances product visualization with **Multer** for product image zoom capabilities.

- The admin side includes product and category management, sales reports, user block/unblock functionality, chart and graph reports for data visualization. The admin panel allows for the analysis of sales, addition of products, offers, and detailed reporting.

- Developed using the **MVC** architecture.

- This is an SSR application and a multipage web application hosted on AWS EC2 using Nginx and Certbot.

- **Technologies used:** Node.js, Express.js, EJS, JavaScript, HTML Bootstrap, MongoDB, CSS, Nginx, Git

## MINI PROJECTS

### User Management App                                                    GitHub
A User Management App using React.js as the front-end and Express.js as the back-end, with MongoDB for storing and managing application data.

- Users can create and manage their profiles and an admin side for user management, including the ability to block users.

### Password Generator                                                    GitHub
A robust password generator application using React.js.

- Allows users to securely sign in using their Google accounts.

- Generates passwords with customizable strength, from easy to strong.

- Users can easily copy generated passwords to the clipboard with a single click.

- Securely stores generated passwords in Firestore for easy access and retrieval.

### Netflix Clone                                                          GitHub
A Netflix clone application developed using React.js. Integrated the TMDB API for content fetching and updates.

- Users can see the recent movies.

- Users can watch the trailers.

## EDUCATION

- **MERN Stack Development**                                        2023 - Present
  Brototype, Ernakulam

- **BCA - Bachelor of Computer Application**                          2020 - 2023
  MG University
  CGPA: 6.09