# Mithul Pranav M
## (Software Engineer)

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## PROFILE SUMMARY

• Full-stack developer proficient in HTML, CSS, JavaScript, and Java, with expertise in React for building dynamic and scalable user interfaces.
• Skilled in utilizing Express.js and Node.js to develop robust back-end systems, ensuring seamless integration with front-end technologies.
• Experienced in managing databases like MySQL and MongoDB, optimizing queries, and ensuring data integrity for efficient application performance.
• Adept at employing Git, GitHub, and Postman for version control and API testing, while applying core concepts like Algorithms, Data Structures, and OOP in projects.

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## EDUCATION

**Panimalar Institute of Technology**                                                        Chennai, India
Bachelor of Engineering (Computer Science Engineering)                **September 2020 - April 2024**
**Velammal Matriculation Higher Secondary School**                              Chennai, India
Higher Secondary (Computer Science)                                              **June 2018 - August 2020**

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## SKILLS

- **Languages**:        HTML, CSS, JavaScript, Java, React, TypeScript
- **Frameworks**:       Express.js, Node.js, Next.js, Bootstrap
- **Databases**:        MySQL, MongoDB
- **Core Concepts**:    Algorithms, Data Structures, OOP, Design Patterns
- **Tools**:             Git, GitHub, Postman
- **Additional Skills:** Socket.io, PHP
- **Communication:**   Strong communication skills with experience collaborating across teams.

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## PROJECTS

**Chat Application - MERN Stack | Socket.io, JWT, Zustand | LINK | WEBSITE**          **August 2024 – September 2024**
- Developed an offline real-time chat application with the **MERN stack** and **Socket.io** for seamless communication.
- Implemented **JWT authentication** and authorization for secure user access and role-based features.
- Integrated **Zustand** for global state management, improving performance and reducing unnecessary re-renders.
- Utilized **TailwindCSS** and **DaisyUI** for responsive, user-friendly interfaces, enhancing the overall user experience. ○ Focused on robust errors handling across both client and server for smooth performance.
- Successfully deployed the application with real-time messaging capabilities, with plans for future scalability and additional features.

**Restaurant Website | PHP, Bootstrap, SCSS, JavaScript, HTML, CSS | LINK | WEBSITE**          **July 2024 – July 2024**
- Developed a responsive restaurant website using **PHP, Bootstrap, SCSS, JavaScript, HTML,** and **CSS** to offer seamless user experience for exploring restaurant services, making bookings, and contacting the team.
- Implemented key features including dynamic home page, detailed About Us section, interactive menu, easy booking form, and customer testimonials.
- Integrated social media links for user engagement and a showcase of the talented restaurant team.
- Deployed the website for free, with full responsiveness across all devices using **Bootstrap** and **SCSS**.

**Threads Clone | MERN, Socket.io, Chakra UI | LINK**          **September 2024 – October 2024**
- Developed a full-stack social media app with **MERN** and **Socket.io**, featuring real-time chat and responsive design using **Chakra UI**.
- Implemented key features like **JWT authentication**, post creation, deletion, like/unlike, commenting, and follow/unfollow.
- Added Freeze Account, Dark/Light Mode, and a Chat app with image support and message status (Seen/Unseen).
- Deployed the app for free, with notification sounds and cross-platform accessibility.

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## CERTIFICATES

- JavaScript Essentials – Guvi                          - View Credentials
- Cyber Security Foundation – Infosys Springboard       - View Credentials
- Java Programming – Guvi                                - View Credentials
- Cyber Security Fundamentals – Infosys Springboard     - View Credentials