

# Saeed NM

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## Profile

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- **Self-taught Python Full Stack Developer** with a strong foundation in Python, Django, and React. Leveraging a self-taught journey to create innovative and scalable web applications that prioritize user experience.
- **Proficient in developing responsive frontends** and robust backends, ensuring seamless integration of APIs and optimal performance. Committed to writing clean, maintainable code and continuously enhancing technical skills.

## Skills

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- **Programming Languages:** Python, JavaScript, C++, CSS, Java, C
- **Frontend Technologies:** React.js, WebRTC, WebSocket, Redux ToolKit, MUI, FramerMotion, Ant Design, Tailwind CSS, Bootstrap, HTML5
- **Backend Technologies:** Django, REST APIs, PostgreSQL, JWT, Celery, Redis, Django Channels, Debug Toolbar, Cache Mangement
- **Tools:** Git, Postman, VScode, Github, Vite
- **Cloud Services:** AWS, Cloudinary, Vercel, Render
- **Soft Skills:** Problem-solving, Team Collaboration, Critical Thinking
- **Additional Skills:** WebRTC, WebSocket, Django Channels, ES6, Custom Hooks, React Hooks, Performance Optimization, Responsive Design, Animation with Framer Motion

## Projects

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**InstyTution** | *Python, Django, Django Channels, Websocket, WebRTC, React, Redux, REST API, Redis Postgres, MUI, AWS*


Ongoing

- **Developing an educational platform** that offers multiple roles for users, including an **e-commerce feature** for students to purchase products.
- **Creating a responsive frontend using React and MUI** to enhance user engagement and accessibility.
- **Integrating live sessions** into the platform for interactive learning experiences.
- **Building a robust backend with Django REST Framework** to handle user management, product sales, and live session functionalities.
- **Collaborating with a team of developers** to implement features and optimize platform performance.
- **Continuing to enhance platform features** to optimize user experience and performance.
-  **GitHub Repository**

**Zoomzzz (Personal Project)** | *Python, Django, React, Redux, Tailwind CSS, Google Maps API, Celery*


April 2024 – Present

- **Developed a comprehensive room booking platform** with React for the frontend and Django for the backend, enhancing user experience through efficient design and functionality.
- **Enhanced UI/UX with Tailwind CSS** and integrated **Google Maps API**, location-based search, increasing user engagement
- **Implemented asynchronous task processing** with Celery, improving system responsiveness and enabling real-time updates on booking availability.

- **Created a user-friendly dashboard** for administrators, facilitating efficient management of room bookings and user data.
- **Integrated user authentication Using JWT** and security measures to protect user data and ensure safe transactions.
- **Defined roles for users:** *Admins* manage the entire system and user data, *Vendors* manage their room listings, and *Users* can book rooms and view availability, ensuring a streamlined experience across all levels.
-  [GitHub Repository](#)


#### Kanban Drag and Drop | *React, Redux, Tailwind CSS*

February 2024 – April 2024

- **Built a task management application** that allows users to create, manage, and track tasks using a drag-and-drop interface.
- **Implemented Redux for state management**, enhancing data flow and application structure.
-  [GitHub Repository](#)

#### Pexel Image Downloading App | *React, Tailwind CSS, Pexels API*

January 2024 – February 2024

- **Developed a responsive web application** to search and download high-quality images using the Pexels API.
- **Implemented a user-friendly interface** with search functionality and image previews.
-  [GitHub Repository](#)

## Experience

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#### Intern, Self Stack

November 2023 - Present

*Self Stack Solutions*

*Remote*

- **Developed and maintained frontend features** using React.js, MUI and Tailwind CSS enhancing user interfaces and overall user experience.
- **Implemented state management solutions** with Redux, leading to a more scalable and maintainable codebase.
- **Collaborated with design and backend teams** to integrate APIs, improving overall application performance.
- **Optimized application loading times** and responsiveness through efficient coding practices and modern web technologies.

## Education

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#### Biology Science

2023

*KHMHSS VALAKKULAM*

*Kottakkal, Kerala*