

Rohan Thamke

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

Summary

Aspiring MERN stack developer with a robust understanding of web development principles and experience in building full-stack applications. Eager to apply my skills and knowledge to solve real-world problems.

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js

Backend: Node.js, Express.js, Socket.io

Database: MongoDB

Tools & Platforms: Git, GitHub, VSCode, Postman, npm

Projects

DevSphere

A platform enabling developers to write, share, and discover technical articles on various software development topics.

Technologies Used: MongoDB, Express.js, React.js, Node.js, OAuth, express-session, Passport.js, Server-Sent Events.

Features:

- Reduced page load time by **30%** through implementing **infinite scroll** for loading more posts at the bottom of a page.
- **Nested commenting system** for threaded discussions.
- **Bookmarking and liking features** for content curation.
- **User authentication** via **Google OAuth** and **email/password** using **Passport.js**.
- Secure and persistent sessions using **express-session**.
- **Robust notification system** with **MongoDB Change Streams** and **Server-Sent Events**.
- **Custom multi-select input** for tag selection and creation, featuring **debounced input** for efficient network requests.

GitHub: [\[Link\]](#)

Live Demo: [\[Link\]](#)

VirtualScoreboard

A cricket score tracking web application for umpires and spectators.

Technologies Used: MongoDB, Express.js, React.js, Node.js, Socket.io, JWT.

Features:

- Allows umpires to **create accounts, initiate new matches, and update live scores**.
- These updates are broadcasted to spectators in **real-time using Socket.io**, providing an upto-date scoreboard that mirrors the live match.
- **Role-based access**, ensuring that only authorized users can update scores while spectators can view the live feed.
- **JWT authentication** for secure user sessions.
- Support for **multiple simultaneous matches**.
- **Match filtering** based on **match status, from date, and to date**.

GitHub: [\[Link\]](#)

Live Demo: [\[Link\]](#)

Education

Bachelor of Engineering in Information Technology

Datta Meghe College Of Engineering, Airoli, Navi Mumbai

Graduated: May 2024

CGPA: 9.11

Achievement: Secured 2nd position in the second year for the academic year 2021-22.