

Mahesh Kundagol H

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS,
Frameworks: React, Node.js, Express, Material-UI, Tailwind CSS
Developer Tools: Git, Github, Docker, Postman, Jira, Splunk, Slack, Redis
Libraries: React-router, Redux, Redux Toolkit, React-Dates, Jwt

EXPERIENCE

Application Developer

May 2022 – Present

Infosys

Bengaluru

- Developed and executed user-friendly, responsive single-page applications (SPAs) with React and Redux, leading to **30%** improvement in user engagement and experience.
- Created reusable React components and implemented lazy loading, reducing initial load time by **25%**.
- Led the development of web applications using the React.js library, yielding **30%** improvement in overall performance and scalability.
- Integrated **50+** RESTful APIs to handle real-time data, improving data transmission speed by **30%** and ensuring seamless communication between the frontend and backend.
- Established React hooks (useState, useEffect, useContext) in 50+ components, reducing rerender times by 20%. Also crafted modular UI components using CSS3, Tailwind, and Material UI, leading to a consistent design system across the app.
- Resolved **10+** UI/UX bugs weekly by strategically using Chrome DevTools, React Profiler, and Lighthouse, leading to a higher level of code quality and fewer user complaints.
- Collaborated with a team of **10** engineers to develop an authorization microservice with Node.js and Express, securing **100+** endpoints and enhancing overall security posture.

PROJECTS

Netflix | *MongoDB, Express, React, Nodejs*

Jan 2025 – Mar 2025

- Built a Netflix clone with user authentication, responsive UI, and smooth video streaming functionality, increasing frontend performance by **30%**.
- Constructed secure login with JWT and connected TMDB API to fetch and display adaptive content.

Spotify | *MongoDB, Express, React, Nodejs*

Sep 2024 – Dec 2024

- Crafted a Spotify clone with playlist creation, track management, and seamless audio playback, boosting user engagement by **20%**.
- Enforced scalable media storage using Cloudinary, enhancing file management and optimizing media delivery for smooth performance.

Dow Jones | *JavaScript, React, Nodejs, Express*

May 2022 – Present

- Enhanced UI/UX:** Led the development of a fully responsive, cross-device-compatible UI, boosting accessibility and increasing user engagement by **15%**.
- Increased Conversions:** Designed a delivery address update feature, resulting in a **12%** improvement in upgrade purchase conversions.
- Improved Performance:** Applied caching, lazy loading, and code splitting strategies to reduce website load times by **25%**, significantly improving performance.
- Secured User Authentication:** Configured secure user authentication and session management using JWT and OAuth, enhancing data security and user experience.

EDUCATION

BIET Davanagere

Bachelor of Engineering in Civil

Sep 2017 – Sep 2020

Davanagere