

Ayush Kaushik

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TECHNICAL SKILLS

- **Front-End:** Javascript, React.Js, Redux, RestAPI, Bootstrap, Tailwind, HTML5, CSS3, SCSS (Sass)
- **Back-End:** Node.js, Express.js
- **Database:** MongoDB, MySQL
- **Developer Tools:** Webpack, Git, VS Code

EXPERIENCE

Front-End Developer Jun. 2021 – Aug. 2024

Tata Consultancy Services Kolkata, West Bengal

- Developed responsive web UI of an online multiplayer gaming platform in React, Tailwind CSS and Socket.io (for realtime games) - developed 30+ reusable components, worked closely with the UI team and Product team from ideation phase to production phase - the application is currently live in 7 countries and ready to be launched in 4+ countries.
- Implemented lazy loading strategies for images and components, reducing initial page load time by 22% and improving overall user experience.
- Conducted thorough performance audits using core web vitals to identify and address potential bottlenecks, ensuring optimal page rendering and interaction times.
- Employed resource hinting techniques to preload critical assets, further enhancing page load speed by 8% and user interaction.
- Implemented debouncing technique to optimize event handling, improving the overall performance of the web page.

PROJECTS

MobiBattle mobibattle.com

Online Multiplayer Gaming Platform

- Implemented real-time game functionality using Socket.io, enabling players to engage in multi-player battles with instant updates and communication.
- Integrated RESTful APIs to fetch and display game data, user profiles, and leaderboards within the application.
- Ensured cross-browser compatibility and responsiveness, making the platform accessible to a wide range of users.

Content Management System

Internal Corporate Tool

- Developing user and role management modules UI for seamless account and access management.
- Handling user permissions in the system to ensure controlled data access.
- Creating a user-friendly interface to manage single upload and bulk uploads of media content using .csv files, with the goal of optimizing data processing efficiency.

EDUCATION

Hochschule Fulda Fulda, Germany
M.Sc. Global Software Development Okt. 2024 – Present

Guru Nanak Dev University Amritsar, India
B.Tech Computer Science (8.27 CGPA) 2017 – 2021