

KRISHNA SHAKYA

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EXPERIENCE

Green Catalysator IT-AB
Software developer

June 2023 - October 2024

- Engineered a standalone microservice for survey management, achieving a 25% increase in efficiency and seamless integration with other microservices.
- Scheduled email notifications using Redis server and Node cron jobs, resulting in a 40% improvement in communication and task automation.
- Facilitated complex file handling across microservices, ensuring efficient data sharing and retrieval, which led to a 15% reduction in processing time.
- Wrote efficient and maintainable code, improving performance by implementing lazy loading and optimizing server fetch, resulting in a 25% reduction in load times..
- Designed and optimized APIs, decreasing payload size and reducing data fetch time by 30%, resulting in faster response times.
- Designed UI features that increased user engagement by 20%, enhancing overall user experience.
- Created microservices that interacted with other microservices, enhancing system scalability and maintainability.

PROJECTS

WakeHealthy

[view Github](#)

[view app](#)

Tech Stack: React, Node.js, JavaScript, Chakra-UI

- Developed robust authentication features using Redux, enhancing security and user experience for potential users
- Led a team of 5 members by creating and assigning tasks, conducting code reviews, and managing daily stand-up meetings, completing the project in 6 days.
- Implemented sign-in and sign-up functionality through third-party OTP login, increasing authentication success rates by 15% and reducing potential login-related support requests by 25%.
- Managed cart functionality and course selection for both online and offline modes, improving system capabilities and increasing potential user engagement

Mini-Typing-Tutor

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Tech Stack: React, Node.js, JavaScript, Chakra-UI

- Generated words of varying lengths (2, 3, 4 characters) based on combinations and repetition to enhance typing practice, increasing typing speed and accuracy.
- Captured and recorded incorrect key presses, calculated accuracy rates, tracked typing session times, and measured words per minute (WPM) to provide detailed performance metrics.
- Utilized Redux for efficient data handling and state management in a responsive and interactive React user interface.
- Added auditory feedback for errors and typing sounds, increasing user engagement and enhancing the learning experience.

EDUCATION

B.Tech in Computer Science and Engineering, (LPU)

July 2017 - July 2021

SKILLS

Frontend: HTML, CSS, JavaScript, React, Redux, Material UI, Chakra-UI, NextJS

Backend: Node.js, Express, Sequelize, RESTful APIs, MongoDB, MySQL

Tools: Git, GitHub, Postman, Swagger

Soft Skills: Teamwork, Leadership, Adaptability, Time Management, Agile, Collaboration