

RAKESH TRIPATHY

Backend Developer/Node.js Developer

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SUMMARY

Experienced Node.js/Backend developer with 2.6 years of experience in building scalable server-side applications. Proficient in optimizing performance, implementing robust security measures, and contributing to high-impact projects. Adept at solving complex problems and delivering high-quality solutions in fast-paced environments."

EDUCATION

BijuPattnaik University Of Technology,

B.TECH

07/2018 - 08/2022 Rourkela(Odisha)

GPA

7.9 / 10.0

PROJECTS

Jyotish Vani

03/2023 - 08/2023

- Developed a scalable astrology application using **Node.js** and **Express.js**, enabling real-time user-astrologer interactions through **WebRTC** and **Socket.io**.
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- Managed and optimized media storage using **AWS S3**, improving application performance and enhancing the user experience.

Rummy Circle

09/2023 - 07/2024

- Spearheaded the development of a real-time multiplayer gaming platform using **Node.js** and **Express.js**, with **Socket.io** for seamless live updates and communication.
- Leveraged **MongoDB** for efficient data storage and retrieval, supporting real-time gameplay and user interactions.
- Developed a secure authentication and authorization system using **JWT** and **Express.js**, safeguarding player data and ensuring fair play, including features like user profile management and multiplayer game room setups.

Telepie Dashboard

08/2024 - 01/2025

- Developed the backend for a telecommunications application website using **Node.js**, ensuring robust and scalable server-side functionalities.
- Integrated **Supabase** as the primary database, optimizing data storage and retrieval processes for real-time communication features.
- Implemented secure user authentication and authorization mechanisms using **JWT**.
- Utilized **Socket.io** for real-time, bidirectional communication, enabling seamless user interactions and live updates on the platform.

Mental Wellness App

01/2025 - Present

- Developing a **mental wellness platform** using **Node.js**, **Express.js**, and **MongoDB**.
- Implemented **real-time chat and video call features** for therapist-patient interaction using **Socket.io** and **WebRTC**.
- Integrated **AI-driven recommendations & HIPAA-compliant authentication**.
- Designed and optimized a **secure, HIPAA-compliant** authentication system using **OAuth 2.0** and **JWT**.

SKILLS

NODE.JS	DOCKER	Nginx	REDIS
Apache Kafka	JAVASCRIPT		
REST API	SQL NOSQL [MONGODB]		
AWS S3	EXPRESS.JS	POSTGRESQL	
SOCKET.IO	WebRTC	JWT	
CI/CD pipeline	Amazon EC2 Server		

EXPERIENCE

Node.js Developer

EDevelop Service private Limited

03/2023 - 02/2024 Bhubaneshwar, India

- Up skilling in making backend applications by using Node.Js. Express, MongoDB & AWS
- Built backend of several types of projects like e-commerce, social platform , wallet updater.....etc.
- Collaborated with the team to ensure efficient server-side functionalities, code quality, and performance optimization, enhancing the overall project success.
- Acquired valuable hands-on experience in deploying and maintaining applications on AWS, further strengthening cloud computing skills and ensuring scalability and reliability of applications.

Backend Developer

Telepie Technology

02/2024 - Present Delhi, India

As a Backend Developer, I've worked on projects including social media, e-commerce, music apps, astrology, car booking, and gaming. I specialize in building and optimizing scalable backend systems and APIs

- Developed backend systems using **Node.js**, **Express**, and **MongoDB** for various applications.
- Implemented **RESTful APIs** and integrated third-party services (payment gateways, social logins).
- Deployed applications on **AWS EC2, S3**, and utilized **Docker** for containerization and efficient deployment.
- Enhanced app performance and security, implementing **OAuth** and **JWT** for authentication.
- Worked in an Agile environment, collaborating with front-end teams for seamless integration.
- Technologies:** Node.js, Express, MongoDB, AWS (EC2, S3), Docker, REST APIs, JWT, Git, Agile, Nginix