# RAKESH TRIPATHY

Backend Developer/Node.js Developer

📞 +91-7735464131 🍳 rakeshkumartripathy075@gmail.com 🕜 https://github.com/rakeshkumartripathy629

# **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**

**m** 07/2018 - 08/2022

# BijuPattnaik University Of Technology,

Rourkela(Odisha)

GPA 7.9 / 10.0

# **PROJECTS**

## Jyotish Vani

**m** 03/2023 - 08/2023

- Developed a scalable astrology application using Node.is 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

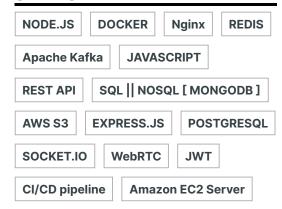
- Developed the backend for a telecommunications application website using **Node.js**, ensuring robust and scalable server-side functionalities.
- Integrated Supabase as the primary database, optimizing data storage and retrieval processes for real-time communication features.
- Implemented secure user authentication and authorization mechanisms usina 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 therapistpatient interaction using Socket.io and WebRTC.
- Integrated Al-driven recommendations & HIPAA-compliant authentication.
- Designed and optimized a secure, HIPAA-compliant authentication system using OAuth 2.0 and JWT.

#### **SKILLS**



# **EXPERIENCE**

# Node.js Devloper

**EDevelop Service private Limited** 

- 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
- 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),

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Docker, REST APIs, JWT, Git, Agile, Nginix