

# N Rahul Rao

## Backend Developer

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### Skills

#### Backend Development

Node.js | Express.js | MySQL | MongoDB | Sequelize | Socket.io | Redis

#### Version Control

Git | GitHub

#### Frontend Development

Javascript | HTML | CSS | React

#### UI/UX

Figma

#### Cloud Platforms

Amazon Web Services (AWS) | Microsoft Azure

### Professional Experience

#### Backend Developer

Juego Studios Pvt. Ltd.

May 2022 - Present

- Proficient in NodeJS and MySQL technologies, with hands-on experience in developing robust applications during comprehensive training.
- Demonstrated expertise in contributing to client projects and creating valuable NPM packages, showcasing a strong commitment to enhancing software development capabilities.

#### Software Developer Intern

Discover Dollar Technologies Pvt Ltd.

September 2021 - November 2021

- Proficiently trained in JavaScript, MongoDB, and Angular technologies, with a solid foundation in these key development tools.
- Led initiatives to enhance internal application functionalities, demonstrating a forward-thinking approach to issue resolution and optimization.

### Personal Projects

#### Outlook Integration - NodeJS | Elasticsearch | Docker

- GitHub Link: [Outlook Integration](#)
- Configured user accounts and integrated Microsoft accounts with local profiles to enable Outlook email synchronization.

#### Super TicTacToe - NodeJS | Socket.io | Redis | Docker

- GitHub Link: [Super Tic Tac Toe](#)
- Application Link: [super-tictactoe.onrender.com](#)
- Developed a multiplayer Super Tic-Tac-Toe game with room-based matchmaking, real-time gameplay, and session management features.

### Professional Projects

#### Tigergames - NodeJS | MySQL | WebSocket

- AppStore Link: [Tiger games](#)
- Executed Rummy tournament gameplay, seamlessly integrating third-party services for user KYC verification and payment gateways.
- Proficiently managed intricate logic to implement a robust ledger system, ensuring accurate TDS and GST calculations.

#### USP - NodeJS | PostgreSQL

- Created sophisticated logic enabling multi-device login, and imposed constraints on toddlers' screen time.
- Implemented real-time level calculations for each toddler.

#### Age Of Gods - NodeJS | MySQL

- PlayStore Link: [Age Of Gods](#)
- Designed in-game characters featuring custom abilities, engaging in strategic battles against diverse adversaries, and integrated NFT validation for enhanced gameplay.

#### @njs2/cli (NPM Package) - JavaScript

- GitHub Link: [Njs2 CLI](#)
- A utility Command Line Interface (CLI) for the Njs2 framework, featuring custom commands to effortlessly create NPM packages and seamlessly publish packages to a private registry.

#### Juego Exam Portal - NodeJS | DynamoDB | Judge0

- Implemented advanced security measures by establishing multiple levels of access determined by user roles.
- Additionally, facilitated exam scheduling and strengthened code validation for students through integration with the Judge0 code execution system, ensuring a robust and secure system.

#### Investors Website - NodeJS | MySQL | AWS S3

- An investment portfolio web platform encompassing user investments, client portfolios, and administrative tools.
- Applied advanced algorithms to perform intricate calculations, including user investments, disbursements, total investments, and profits, ensuring precise and efficient financial tracking.

#### Pune Metro Trivia - NodeJS | MySQL (Sequelize)

- PlayStore Link: [Pune Metro Trivia](#)
- Trivia game centered on Pune, India, enabling users to compete in challenging matches with random opponents or Facebook friends to become the city's trivia champion.

### Education

#### Sahyadri College Of Engineering and Management

Bachelor's Degree in Engineering

2018 – 2022