

ZEESHAN AHMED ANSARI

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INTRODUCTION

Experienced Backend Developer with 2+ years of expertise in building scalable systems, specializing in backend development with Node.js. Skilled in implementing secure JWT-based authentication, real-time communication with Socket.IO, and designing BFF architecture. Proficient in optimizing database queries, improving system performance, and writing tests with Jest. Focused on delivering high-performance solutions for modern, high-traffic applications.

SKILLS

Programming Languages - JavaScript | Java (core) | C++ | C | TypeScript (basics)

Technologies And Frameworks - Node.js | Express.js | React.js | Jest | RabbitMQ | Bull-Queues

Databases & ORM - PostgreSQL | MySQL | MongoDB | Redis | Sequelize (ORM)

API Development & Integration - RESTful API | GraphQL | WebSockets

Tools - VS Code | Postman | Redis Insight | Swagger | PM2 | AWS EC2 | Linux | Docker | Git | Gitlab

EXPERIENCE

Gammastack

Nov 2023 - Present

Indore, M.P

Solution Engineer - Backend Developer (1.5 - YOE)

- Architected a scalable backend system using Node.js and Express.js, optimized for handling a large user base.
- Designed and implemented RESTful APIs for various services, ensuring secure and efficient data exchange using JWT for authentication and authorization.
- Integrated real-time communication features using Socket.io, enabling seamless platform updates and interactions.
- Containerized applications using Docker for efficient development and deployment workflows.
- Managed Bull queues efficiently, implementing job workers to handle tasks reliably and ensure seamless background processing.
- Worked with PostgreSQL databases using Sequelize ORM, focusing on schema design, data modelling, and complex querying to support application requirements.
- Collaborated closely with cross-functional teams, including front-end developers, QA, and product managers, to deliver high-quality features on time.

NOTABLE PROJECTS

coin.pro

Backend Developer

- Integrated **Lsports** feed provider to deliver real-time odds, scores, and market updates for popular esports like Dota 2, CS:GO, and League of Legends.
- Implemented a reliable feed for mainstream sports, including football, ice hockey, and handball, along with a **BetBalancer**, ensuring comprehensive coverage and seamless updates across all platforms.
- Processed vast amounts of real-time data using RabbitMQ as a message broker and Bull MQ for efficient queue management.
- Integrated third-party live streaming services to provide users seamless access to live sports events.
- Leveraged Bull queues to handle high-frequency updates from the provider by queuing data for simultaneous processing.
- Optimized high-traffic data retrieval and processing during major sports events using Redis caching and Pub/Sub mechanisms.
- Designed and developed APIs for listing matches, markets, and managing user bets to enhance platform functionality.
- Environment - Node.js, Express, React.js, Crons, RabbitMQ, Redis, PostgreSQL, Sequelize, Socket.io, JWT, Jest.

beyeet.com

Backend Developer

- Integrated **Betradar** to provide sportsbook solutions for various sports, supporting different types of bets such as system, single, and accumulator bets.
- Processed data from the Websocket and pushed it into Bull queues to enhance speed and maintain real-time consistency.

- Added and integrated Managed Trading Services (**MTS**) to enhance sportsbook operations with advanced trading tools, analytics, and risk management features.
- Restricted users from placing unwanted bets by leveraging MTS, ensuring only legitimate bets were accepted.
- Enabled admin-configurable controls for bet limits, cashout options, bet cancellations, and maximum win limits to maintain operational flexibility and compliance.
- Managed high-frequency data ingestion and ensured reliable updates for esports odds, scores, and markets using scalable systems.
- Environment - Node.js, Express.js, React.js, Bull MQ, RestAPI, AWS-client-cloudwatch-logs, PostgreSQL, Sequelize, Socket.io, Jest, Camaro.

Gammastack

June 2023 - Nov 2023

Associate Solution Engineer

Indore, M.P

- Contributed to the development of custom gaming solutions featuring Keno, Plinko, HiLo, and Aviator games.
- Implemented backend logic for game engines to ensure efficiency, integrity, and seamless functionality.
- Designed game algorithms incorporating odds, probability, and RTP (Return to Player) to ensure fairness and player engagement.
- Containerized applications using Docker for efficient development and deployment workflows.
- Utilized Redis for session management and caching, enhancing system performance and reducing latency.
- Implemented crons and queues to manage game events and process background tasks asynchronously, improving system responsiveness and reliability.
- Collaborated closely with cross-functional teams, including front-end developers, QA, and product managers, to deliver high-quality features on time.

EDUCATION

Integrated Masters of Computer Application

Jun 2018 - Apr 2023

IPS Academy Indore - RGPV Bhopal

Indore, M.P

CGPA: 9.00 / 10.00

Higher Secondary Certificate (HSC) (XII)

Jun 2017 - May 2018

MP BOARD Bhopal

Indore, M.P

Specialization: Science (PCM) | Percentage: 78%

Secondary School Certificate (SSC) (X)

Jun 2015 - May 2016

MP BOARD Bhopal

Indore, M.P

Specialization: Science | Percentage: 89.5%

CERTIFICATES

CORE JAVA

Aug 2021 - Dec 2022

Sterling Institute (Indore)

Indore, M.P

Java Fundamentals / Collection Framework / OOP's / Multi-Threading/ I/O

BIG DATA BASICS CORPORATE TRAINING

(2019)

Digital spirit (MAKEITEASY)

Indore, M.P

PERSONAL INFORMATION

Date of Birth : 20-11-2001

Nationality : INDIAN

Gender : Male

Languages Known : English, Hindi, Urdu

Marital Status : Unmarried

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Zeeshan Ahmed Ansari