

RINKOO

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EXPERIENCE

Mrikal, Software Developer - Gurugram

May 2023 - Present

- Developed secure and scalable RESTful APIs with Node.js and Express.js, boosting performance by 30% and ensuring high availability.
- Optimized MongoDB queries, reducing latency by 25% with efficient indexing.
- Collaborated with product and front-end teams to deliver seamless user experiences.
- Documented APIs, ERDs and workflows, streamlining onboarding and cross-team collaboration.
- Built AI-powered insights by integrating OpenAI API with database queries to analyze data and generate intelligent responses.

SKILLS

- **Programming and Frameworks:** Node.js, Express.js, Angular.js, React.js, JavaScript
- **Database Management:** MongoDB, Redis, Elasticsearch, SQL, Sequelize, Mongoose
- **API Development:** RESTful APIs, Microservices Architecture
- **Cloud and DevOps:** Docker, AWS (Lambda, SQS, Step function, EventBridge, DLQ, CloudWatch, S3, EC2), Protegrity (Encryption/Decryption)
- **Version Control and Tools:** Git, Bitbucket, Postman
- **Concurrency and Performance:** Node.js Cluster Module
- **Web Scraping:** Cheerio, Puppeteer, Playwright Extra
- **Others:** Unit and Integration Testing - Jest, JWT, PASETO Authentication, etc.

EDUCATION

Birla Institute of Technology and Science, Pilani (BITS Pilani)

2024 – 2026

M.Tech, Software Engineering

Rajasthan Technical University

2018 – 2022

B.Tech

PROJECTS

- **Rule Engine Platform — Elevance Health, USA:** Worked on a Pipe-and-Filter based Rule Engine using Node.js, Elasticsearch, Redis, AWS Services, Go Rules, and Zen Engine. Built high-performance rule execution flows and optimized search + caching for large-scale insurance datasets.
- **WhatTheFootball — Football Trading System:** Handled the complete backend architecture using Node.js and MongoDB. Built live trading logic, real-time data processing, and improved platform stability while gaining deep understanding of trading & market-driven systems.
- **Athithi Pro CRM — InterGlobe Aviation Pvt. Ltd.:** Developed the backend in TypeScript for a fast-paced CRM system. Delivered high-quality modules under tight deadlines, including user workflows, automation APIs, and secure data handling.
- **WaitZeros — Healthcare Appointment Platform (Microservices):** Built microservices for doctor appointment booking using Node.js, AWS, Redis, and event-driven communication. Improved system performance, scalability, and patient–doctor workflow efficiency.

ACHIEVEMENTS

Gentleman and Best Hosteler Award – Rajasthan Technical University, 2022

Recognized for leadership, exemplary conduct, and active involvement in hostel and community activities.