JAY KARAVADRA

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SUMMARY

Specializing in scalable, modular applications with Node.js, I am proficient in REST and GraphQL API development across microservice and monolith architectures, with expertise in NoSQL and SQL databases. With 1.5 years of hands-on coding, I've refined my ability to validate and enhance code generated by AI tools like ChatGPT and Claude, boosting efficiency. I bring AWS deployment knowledge, enabling effective collaboration with cross-functional teams on optimal deployment strategies. Experienced in working with international clients, I ensure clear communication and seamless teamwork across time zones. Passionate about solving technical challenges, I stay aligned with Node.js best practices while fostering strong collaboration.

TECHNICAL SKILLS

- **Languages**: JavaScript, TypeScript
- **Backend**: Node.js, Express.js, Fastify, GraphQL (Apollo Federation), MongoDB, MySQL, Redis, Elasticsearch, Microservice Architecture
- **Frontend**: HTML, CSS (Beginner level), React.js (Beginner level)
- **DevOps**: Basic understanding of Linux commands, CI/CD, Docker, AWS services, Kubernetes architecture, and PM2 for Node.js process management
- **AI**: Leverage ChatGPT, Claude, and Cursor IDE for enhanced development efficiency and code quality

EXPERIENCE

Junior Node.js Developer - Yudiz Solutions Limited (Jan 2022 - Present)
- Manage and optimize backend systems while developing new solutions from scratch
- Collaborate with cross-functional teams to deliver integrated features

KEY PROJECTS

CricTracker (crictracker.com) - Sports Blogging Platform | Yudiz Solutions
Tech Stack: Node.js, GraphQL (Apollo Federation), Redis, MongoDB, Express.js, Third-Party Integrations
- Architected and implemented GraphQL microservices using Apollo Federation for scalable data management
- Developed and optimized features including LiveBlog, sitemap generation, and SEO management
- Integrated third-party APIs for real-time cricket data updates
- Designed federated GraphQL schemas across multiple services to handle complex data relationships
- Monitored server performance and coordinated with DevOps for feature deployments

CineTopia Connect - Event Booking Management System | Yudiz Solutions
Tech Stack: Node.js, Fastify, MongoDB, Redis
- Developed a social platform where users can create events, post opportunities, and connect with other members through friend requests, enhancing community engagement and networking
- Collaborated with international clients to gather requirements and implement features while maintaining clear communication across different time zones

ClubMatch - Sports Court Booking System | Yudiz Solutions
Tech Stack: Node.js, Fastify, MongoDB, Redis, Third-Party Integrations
- Architected and developed a SaaS platform enabling sports clubs to manage multiple courts, memberships, and marketplace payments via Stripe Connect

- Implemented complex booking logic including dynamic player availability, conflict detection, and multi-court scheduling
- Integrated OneSignal for real-time notifications and built a comprehensive user authentication system with role-based access

CERTIFICATIONS

- Redis Basic Data Structures
- Graph Developer-Associate, Graph Developer - Professional

EDUCATION

B.Tech in Agricultural Information Technology - Anand Agricultural University (Aug 2018 - Aug 2022)

LINKS

LinkedIn: https://www.linkedin.com/in/jaykaravadra/

Portfolio: https://jayk-portfolio.vercel.app/

CricTracker: http://crictracker.com

Redis Certificate: https://university.redis.com/certificates/2fa7dd37a7aa4c9da506f62b7471cf7d

GraphQL Associate:

https://www.apollographql.com/tutorials/certifications/c6fabf4b-2a3c-4ce0-806c-11b7e9ca1778

GraphQL Professional:

https://www.apollographql.com/tutorials/certifications/c7b87451-5040-4afe-8971-42dae2a3b58f