

Jugal Sharma

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■ Professional Summary

MERN Stack Developer with X+ years of experience building scalable web applications and APIs. Skilled in designing high-performance, event-driven architectures using Node.js, Express, MongoDB, React, Kafka, and Redis. Strong focus on microservices, caching strategies, API scalability, and real-time event processing.

■ ■ Technical Skills

Frontend:	React.js, Redux, Next.js, Tailwind CSS, Material UI
Backend:	Node.js, Express.js, REST APIs, GraphQL, Microservices
Database:	MongoDB, Mongoose, MySQL, PostgreSQL
Messaging & Caching:	Kafka, Redis, BullMQ
DevOps & Cloud:	Docker, Kubernetes, AWS (EC2, S3, Lambda), Nginx
Other:	Git, Postman, Swagger, WebSockets, Socket.IO

■ Professional Experience

MERN Stack Developer | [Company Name] | [MM/YYYY] – Present

- Developed and deployed scalable REST APIs using Node.js, Express, and MongoDB.
- Implemented Kafka producer-consumer architecture for real-time event streaming.
- Designed Redis-based caching to optimize search and reduce database load by 40%.
- Built React.js dashboards with charts, filters, and reusable UI components.
- Integrated JWT authentication & RBAC for secure multi-role systems.
- Optimized query performance in MongoDB (indexes, sharding, replication).

Key Achievements:

- ✓ Increased API throughput to handle 10K+ requests/min using clustering.
- ✓ Designed high-throughput system processing 100K Kafka messages/min.
- ✓ Improved database read/write performance by 50% with caching + sharding.

Full Stack Developer | [Previous Company] | [MM/YYYY] – [MM/YYYY]

- Built end-to-end web applications using MERN stack.
- Implemented search APIs with advanced filters.
- Deployed containerized applications using Docker & Nginx.
- Worked on real-time notifications using WebSockets and Socket.IO.

■ Projects

Scalable Event-Driven API with Kafka & Redis

- Node.js producer-consumer with 3-partition Kafka topic.
- Redis caching for query results with auto-invalidation.
- Architecture capable of 100K messages/min throughput.

E-Commerce Web App (MERN)

- Features: Product catalog, cart, payments, authentication.
- Built using React, Node.js, MongoDB, Stripe API.
- Deployed with Docker + AWS EC2 + Nginx.

■ Education

Bachelor of Technology (B.Tech) – Computer Science
[University Name], [Year]

■ Certifications

- MongoDB for Developers – MongoDB University
- Node.js Microservices – Udemy
- AWS Cloud Practitioner – Amazon

■ Keywords (ATS Optimized)

MERN, Node.js, React, MongoDB, Express, Redis, Kafka, BullMQ, Microservices, REST API, GraphQL, Docker, AWS, Kubernetes, WebSockets, High Throughput Systems, Scalable Architecture.