MOHIT CHACK

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PROFESSIONAL SUMMARY

Software Engineer II with 7+ years of experience developing backend systems with Node.js, TypeScript, and PHP. Reduced onboarding time from 120 seconds to under 500 ms (over 240x faster) and built a distributed scorecard service handling 10,000+ requests per minute. Experienced in event-driven microservices, payment APIs, Redis caching, AWS EKS, observability, and production ownership.

EDUCATION

Bachelor of Engineering, Madhav Institute of Technology and Science, Gwalior 2015 - 2019
Information Technology

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, PHP
Backend & Real-Time:	Node.js, Express.js, REST APIs, GraphQL, Socket.IO
Databases & Search:	MySQL, DynamoDB, Redis, Elasticsearch, OpenSearch
Cloud & Infrastructure:	AWS (EKS, EC2, S3, SQS), Docker, Kafka, Linux
Architecture & Security:	Microservices, Event-Driven Systems, JWT, Refresh Token Rotation
Frameworks & Monitoring:	Next.js, CodeIgniter, New Relic, Grafana, SigNoz

EXPERIENCE

Software Engineer II Aug 2021 - Present
SportsBaazi (Baazi Games Group) *New Delhi, India*

- Optimized **user onboarding from 120 s to under 500 ms**, cutting processing time by over **99.5%** through Redis caching, a single authentication service, and queue-based asynchronous processing.
- Architected a **distributed scorecard service handling 10,000+ RPM** across concurrent games; segregated databases to improve fault isolation and service availability.
- Developed **deposit and withdrawal APIs with configurable transaction caps** across **3 time windows: daily, weekly, and monthly**, enforcing cumulative limits during payment processing.
- Implemented **stateless JWT authentication and refresh token rotation** to secure user sessions and authorize requests across microservices.
- Built a **real-time, event-driven market service** to publish and close markets from third-party feeds using Redis Pub/Sub and database triggers; added safeguards, logging, and alerts for market operations.
- Deployed **Docker containers on AWS EKS**, supporting horizontal scaling and zero-downtime deployments of backend microservices.
- Built a **Next.js operations dashboard** for live game metrics and a **TDS compliance service** for monitoring, analyzing, and auditing tax deductions.
- Instrumented microservices with **New Relic and SigNoz telemetry** for production diagnostics; reviewed pull requests, mentored junior engineers, and refactored legacy code.
- Developed an interactive **Boat feature** for engagement during live gameplay.

Software Engineer Jan 2021 - Aug 2021
iCubesWire *Gurugram, India*

- Developed and maintained **Node.js and PHP backend APIs** for a performance marketing platform serving enterprise clients.
- Collaborated with cross-functional teams to implement product features and deliver releases on schedule.

Software Engineer Jun 2019 - Jan 2021
DigiMonk Technologies *Gwalior, India*

- Built a **Socket.IO real-time chat service** for live in-app messaging over persistent connections.
- Automated **UAE property scraping and daily email delivery** to thousands of subscribers, connecting data collection with scheduled notifications.
- Created **reusable PHP and Node.js modules** to accelerate backend development and simplify maintenance.