Siddhant Munjamkar

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SUMMARY

Full Stack Developer with 6+ months of experience building scalable web applications using React.js, Node.js, and TypeScript. Proven ability to improve performance by 40% and deliver production-ready systems. Skilled in cloud infrastructure, DevOps automation, and optimizing CI/CD pipelines.

EDUCATION

Indian Institute of Technology Roorkee (IIT Roorkee) Roorkee, Uttarakhand
Bachelor of Technology (B.Tech)- final year *Sep. 2022 – May. 2026*

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, C, SQL,
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux, Context API
Backend: Node.js, Express.js, REST API, GraphQL, WebSocket, Microservices, Kafka, Redis Pub/Sub, Prisma ORM
Databases: PostgreSQL, MongoDB, MySQL, Redis, TimescaleDB, Query Optimization
DevOps & Cloud: Docker, Kubernetes, AWS, OCI, CI/CD, GitHub Actions, ArgoCD, Terraform, Helm
Tools & Testing: Git, Postman, Jest, Unit & Integration Testing

EXPERIENCE

Full Stack Developer Sep. 2024 – Mar. 2025
Raizzify *Remote*

- Built and optimized responsive web applications using React.js, Next.js, and TypeScript, improving page load performance by **40%**.
- Developed and integrated RESTful APIs with Node.js and Express.js, delivering **5+** production features including authentication and real-time notifications.
- Managed application state across **15+ components** using Context API and Redux, reducing code complexity by **35%**.
- Improved frontend performance using React hooks and debugging, cutting unnecessary re-renders by **50%** and resolving **20+** UI issues.

PROJECTS

Exchange System | *Node.js, TypeScript, Redis, WebSocket, Docker, TimescaleDB* |

- Built a modular real-time crypto exchange handling **10K+ orders/day** with microservices for API, matching engine, WebSockets, and DB processing.
- Leveraged Redis Pub/Sub and queues for asynchronous communication, enabling sub-100ms order propagation across services.
- Integrated TimescaleDB to efficiently persist high-frequency trade data and support time-series analytics for price, volume, and depth feeds.
- Containerized **6+ services** with Docker, reducing environment setup time by **60%** and ensuring consistent development and production workflows.

Live Dashboard - Real-Time Monitoring UI | *Next.js, TypeScript, Web Workers, Canvas, Tailwind CSS* |

- Developed a high-performance real-time monitoring dashboard rendering **300+ data points/sec** with custom HTML5 Canvas and Web Worker off-main-thread processing.
- Implemented backpressure and batching to maintain smooth **60 FPS** under heavy data streams and minimize UI lag.
- Built responsive metric cards, live charts, and event logs using React components and Tailwind CSS for intuitive visualization of latency, EPS, and performance stats.
- Structured app with Next.js and TypeScript for maintainable codebase and robust type safety across components and data hooks.

Event-Driven Notification System | *Node.js, TypeScript, Kafka, Redis, PostgreSQL, Docker* |

- Built an event-driven notification system processing **10K+ events/day** using Kafka-based microservices architecture.
- Implemented retries, dead-letter queues, and idempotent consumers, achieving **99%** reliable message delivery.
- Used Redis for caching, deduplication, and rate limiting, reducing duplicate notifications by **40%**.
- Persisted **100K+** notification records in PostgreSQL and containerized **5+ services** using Docker for consistent deployments.