

# SURAJ KUSHWAHA

Senior Backend Engineer | Product & Extensibility Platforms

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Product-minded Backend Engineer with over 4+ years of impact (normalized) specializing in scalable Node.js/TypeScript ecosystems. Proven track record in designing public-facing APIs, leading zero-downtime architectural migrations, and building event-driven systems. Expert in navigating the trade-offs of distributed systems while maintaining a deep focus on the end-user experience for content creators and B2B SaaS platforms.

## WORK EXPERIENCE

### SDE I (Backend & Infrastructure)

JULY 2022 - PRESENT

CultureX Entertainment Private Limited

Gujarat, India

- **Extensibility & APIs:** Owned the end-to-end lifecycle of a public-facing microservice, transforming internal tooling into a high-availability API product; managed documentation and versioning for external developers.
- **Architecture Leadership:** Led a strategic migration from multi-database silos to a unified SaaS architecture for 30+ global brands, prioritizing data consistency and zero-downtime delivery.
- **Systems Thinking:** Architected event-driven social listening tools using AWS EventBridge, SQS, and Lambda; implemented idempotent batch processing to handle 10M+ monthly requests with high reliability.
- **Platform Evolution:** Scaled backend infrastructure on AWS (EC2, SQS, Lambda) to support real-time brand tracking, improving system observability and reducing manual debugging effort by 40%.
- **Collaborative Delivery:** Developed and launched 10+ MVPs for an influencer marketing platform, collaborating across teams to balance rapid feature delivery with clean, long-term abstractions.
- **Engineering Culture:** Influenced team standards through rigorous code reviews and mentoring, advocating for modern TypeScript patterns and performance-first backend design.

## TECHNICAL SKILLS

**Core Stack:** Node.js, TypeScript, GraphQL, JavaScript (ES6+), Golang.

**Backend & Data:** Express.js, Hono, MongoDB, PostgreSQL, MySQL, Redis, RESTful APIs, Microservices.

**Cloud & Infrastructure:** AWS (Lambda, SQS, SNS, EventBridge, S3, EC2), Docker, GitHub Actions, CI/CD.

**AI & Tooling:** Advanced use of LLMs for debugging, automated documentation, and code refactoring; Linux, Git, Tmux.

## PROJECTS & CONTENT CONTRIBUTION

### Open Read (Creator/Developer)

[github.com/surajkuushwaha/open-read](https://github.com/surajkuushwaha/open-read)

- Developed a cross-browser extension (Plasmo, React, TS) to streamline content accessibility, demonstrating a personal stake in the digital content and publishing ecosystem.
- Maintained an open-source workflow, managing community feedback and cross-platform compatibility (Chrome/Firefox).

## PROFESSIONAL STRENGTHS

- **Remote/Async Native:** Fluent in written communication, providing generous context in pull requests and documentation to drive progress without needing real-time syncs.
- **Pragmatic Performance:** Experienced in measuring and prioritizing performance bottlenecks in high-traffic B2B environments.

## EDUCATION

Bachelor of Computer Engineering

Government Engineering College, Modasa