

# Hitesh Prajapati

<https://hitesh.com>

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## EDUCATION

### L.D.College Of Engineering

*Bachelor of Electronics and Communication Engineering; CGPA 8.6/10*

Ahmedabad, India

*Jun 2020 - May 2024*

## EXPERIENCE

### Hopscotch

*Backend Engineer · Search, Catalog and CRM Systems*

India (Remote)

*Aug 2024 - Present*

- **Event Driven Elasticsearch Sync:** Replaced a full table cron sync with an event driven pipeline where product IDs are pushed to AWS SQS and consumed by a Lambda function to index into Elasticsearch, eliminating sync failures.
- **MCP Server for Internal Knowledge:** Built an MCP server using the Confluence API allowing developers to query service documentation through Amazon Q CLI and access internal knowledge programmatically.
- **Business Logic Improvements:** Implemented product online and offline state toggling and readiness validation features used by internal operations team.

### AllEvents.in

*Software Engineer · Backend Engineering and Automation*

Ahmedabad, India

*Dec 2024 - Aug 2024*

- **Distributed Aggregation Infrastructure:** Designed and deployed a unified backend ingestion architecture using Docker, Docker Swarm and Portainer to utilize previously idle servers and centralize deployment and monitoring.
- **RabbitMQ Driven Scraping Workers:** Implemented an event driven scraping system where workers consume jobs from RabbitMQ queues and scrape event metadata using Playwright before pushing normalized output into AllEvents.
- **Daily Event Ingestion Pipeline:** Built a scalable Playwright based ingestion pipeline that collects 70k to 80k events per day by simulating real user behavior using rotating proxies, randomized user agents and anti bot evasion methods.
- **Unified Event Matching and Spam Filtering:** Merged identical events from multiple platforms and filtered low quality listings by applying Elasticsearch similarity scoring, fuzzy matching and multi field spam heuristics.
- **Internal Documentation Platform:** Built an internal documentation tool for developers and product managers using Docker based content hosting and auto indexing.

### AllEvents.in

*Full Stack Developer Intern · Platform Engineering*

Ahmedabad, India

*May 2023 - Nov 2023*

- **Affiliate Event Creation Script:** Built an automation script that fetched data from third party affiliate servers, removed duplicates and created events automatically in AllEvents.
- **Affiliate Revenue Contribution:** The affiliate system generated 17 Lakh INR in a single month and increased platform revenue by 11 percent.
- **Unsubscription API:** Developed an unsubscribe API that processed more than 1000 daily requests across email and WhatsApp channels.

## PROJECTS

**CodeBlend Realtime Code Editor:** Built a realtime collaborative code editor using React, Node.js and WebSockets with sub 200ms latency, syntax highlighting and multi user synchronization powered by CodeMirror.

**Assign It Assignment Platform:** Developed backend service using Node.js, Redis and Docker that supports instructor assignment workflows and achieves three times faster response time through cached query layers.

**WriteNow Notes Collaboration App:** Created a full stack MERN based note sharing system with JWT authentication and live multi user document editing using Socket.io.

**Question Paper Generator:** Implemented a REST based question bank with automatic exam paper generation including section constraints, randomization logic and difficulty balance using Node.js and MongoDB.

## PROGRAMMING SKILLS

**Languages:** C++ , PHP , JavaScript , Java , C

**Technologies:** NodeJs , ExpressJs , NextJs