

Chetan Lohkare

+91 7218250997 | chetanlohkare.7@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EXPERIENCE

Software Development Engineer II | Dec 2024 – Present

[Zipy AI](#)

- Implemented a remote **MCP server** with OAuth 2.0 (PKCE, dynamic client registration, RFC 8414 discovery) enabling **Claude AI to securely connect to Zipy** and plan based tool access control for customers.
- Designed a **configurable Rule Engine with condition builders/actions**, enabling realtime threshold evaluation and alerting.
- Implemented **exponential backoff retry** logic in consumer flows to **reduce failures, and prevent data loss reliably**.
- Optimized database queries with targeted indexing and reduced scans, **improving latency by more than 70%**.
- Improved Kafka data transfer efficiency** by ~85% by implementing Protobuf serialization and compression, **reducing bandwidth consumption and lowering infrastructure costs** for high-volume event ingestion.
- Introduced **worker thread** in **JavaScript SDK** to offload high-processing compression tasks, **ensuring non-blocking UI**.
- Optimized dashboard performance** with **lazy data fetching** for viewport-visible charts and **debouncing on text filters**, reducing redundant API calls and improving load time.

Software Engineer | Jan 2023 – Dec 2024

[Zipy AI](#)

- Developed features to capture sessions across subdomains and iframes, ensuring **data consistency** and **improved user tracking**.
- Tackled critical issues in the **JavaScript SDK**, improving platform stability, customer experience, and increased revenue.
- Engineered automated user engagement analytics system with **scheduled stored procedures and Spring Boot** to daily calculate **DAU/WAU/MAU metrics** from session data and visualize trends in **React**.
- Built and containerized **authenticated endpoints** across multiple microservices for **Azure DevOps**, Webhook, and **Microsoft Teams** integrations (notifications/tickets) that directly drove **customer acquisition and revenue growth**.

PROJECTS

[Healion AI](#) | *Cursor Cloud Agent, Anthropic SDK, Java, SpringBoot, Node.js, React, Redis, MySQL*

- An **AI-powered** error monitoring platform that takes webhook error events from **Sentry, Zipy, and New Relic**, automatically prioritizes errors, fixes bugs and opens a fix PR within **15 minutes**.
- Created an AI pipeline that finds errors in the **GitHub/GitLab/Bitbucket** repo, makes fixes that take into account the context, and creates automated PRs without any human input **via Anthropic Claude / Cursor Cloud Agent**.

[The White Space](#) | *React, TypeScript, Node.js, Redis, WebSocket*

- A real-time collaborative whiteboard enabling multi-user drawing with presence, using React, Node.js, and Redis.
- Designed a Redis-backed pub/sub pipeline with caching and WebSocket APIs for concurrent edits and state consistency.

[TempVault](#) | *React, TypeScript, Node.js, MongoDB, Cron Job, Vercel, Netlify*

- TempVault is a secure web app for sharing confidential text documents with expiring links and one-time view access.
- Engineered backend cron jobs, link expiry and secure access control on MongoDB-stored documents

EDUCATION

Vishwakarma Institute of Technology, Pune, India

2019 – 2023

Bachelor of Technology in Computer Science

8.6 CGPA

TECHNICAL SKILLS

Distributed Systems, Microservices, Event-driven Architecture, REST APIs, Agile

Data Structure & Algorithms, SDK Development, OOP, DBMS, Operating System

Languages: Java, JavaScript, TypeScript, C/C++, SQL

Databases / Storage: MySQL, MongoDB, Redis, Kafka

Frameworks / Libraries: React, Node.js, Spring Boot, Spring MVC, Spring Security, Cube.js, rrweb

Developer Tools: Git, GitHub, Docker, Google Cloud Platform (Cloud Storage, BigQuery, gsutil), Nginx, Postman, Linux CLI

ACHIEVEMENTS

- Delivered customer priority features in a 3-day Zipy hackathon, driving immediate **conversion and \$100K+ revenue**.
- Contributed to **Supabase with merged PR** and participated in technical issue discussions across [sentry-javascript](#), [rrweb](#), and [supabase](#) repositories.
- Earned 'Zipy Quarterly Spot Award'** for exceeding expectations with exceptional quality and ownership.
- Won Best Idea and placed 5th overall** at HackMoreish'2022 **International Hackathon** among 33 projects.