

# Geetendra Singh Sengar

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[LinkedIn](#) | Portfolio ([geetendra.com](https://geetendra.com)) | [Github](#)

## WORK EXPERIENCE

### Software Engineer | [Quantive](#)

JUN 2022 - NOV 2023

- Led a team in the development of Athena, an **enterprise knowledge retrieval system** powered by a LLM.
- Leveraged a commercial **Large Language Model (LLM)**, particularly **OpenAI**, for advanced conversation intelligence. Applied **Weaviate as a vectorDB** to achieve efficient and context-aware data retrieval. Engineered the backend infrastructure using **Fastapi** and crafted the frontend with **Reactjs**.
- Implemented **prompt engineering strategies**, resulting in an **80% optimization** of project overall output.

### Software Engineer | [Cliff.ai](#)

DEC 2021 - JUN 2022

- Developed **B2B SaaS application** Cliff.ai, an Anomaly Detection Tool.
- Carried out enterprise features like **SSO, Role Based Access Control, 2FA**, Audit Logs, SLA and Support.
- Introduced **distributed system architecture**, resulting in a **15% boost** in system responsiveness and efficiency.
- Implemented critical features such as **Root Cause Analysis (RCA), Incident Management System**, Omni-Search, and integrated various data sources using expertise in **React.js, Node.js, Python, Prisma ORM, Postgres, and Elasticsearch**.
- Elevated to **Team Lead**, adeptly managing a team of 5 individuals, and achieving a **20% increase** in team efficiency while leading a **successful quarter-long migration of cliff.ai's codebase from AngularJS to ReactJS**.
- The revamped version of cliff.ai resulted in improved scalability and optimization, and contributed a pivotal role in the company's **successful acquisition by Gtmhub (now Quantive)**.

### Junior Software Engineer | [Cliff.ai](#)

NOV 2020 - DEC 2021

- Developed a [modern data stack](#) platform featuring a **community hub, podcast section**, and comprehensive **data stacks page**, enabling users to explore top-notch tools and their data stacks.
- Utilized **Next.js and Node.js** to build the website's frontend and backend components, ensuring seamless functionality and optimal user experience.
- Integrated **GraphCMS** as a content management system, streamlining the process of managing and updating website content, resulting in a **40% time-saving** in content updates.
- Strategically launched the website on **Product Hunt**, achieving an impressive ranking as the **3rd best project of the day and 4th best of the week**, garnering **324k+ global views and onboarding 67k+ users within a year**.

## PROJECTS

### [Sass-AI](#): [ReactJS, NextJS, OpenAI, ReplicateAI, Postgresql, Prisma, Zustand, Clerk-Auth, Stripe]

- Leveraged **OpenAI's** natural language processing to facilitate chat interactions, code and image generation.
- Utilized **ReplicateAI** riffusion model for music and zeroscope-v2 model video generation.
- Executed **authentication using Clerk** and **secure payment processing through Stripe**.

### [Ecommerce Store and CMS](#) : [ReactJS, NextJS, Postgresql, Prisma, Zustand, Clerk-Auth, Stripe]

- Built **B2B application** for management of multiple vendors and stores supporting creation, updating, and deletion of categories, products, and filters, along with image and management, and intelligent search.
- Carried out Clerk Authentication, Stripe checkout, Took advantage of **MySQL, Prisma for efficient data handling**.

### [Node Micro Services](#) : [NodeJS, ExpressJS, Kafka, Rabbitmq, gRPC, Message Broker, MongoDB]

- Built microservices for a retail shopping app, dedicated to customer management, shopping processes, and product information, each supported by separate databases.
- Executed effective **inter-service communication utilizing a message broker** and incorporated **CQRS to optimize scalability by 30% for both read and write operations**.

## TECHNICAL SKILLS

- **Languages:** Javascript, Python, C/C++
- **Frontend Technologies:** ReactJS, NextJS, React Native, Redux, Zustand, Context, Tailwind, Bootstrap, Typescript
- **Backend Technologies:** NodeJS, ExpressJS, Golang, Fast Api, gRPC, Kafka, Rabbitmq, Prisma, Mongoose
- **Databases:** MongoDB, Postgres, Elasticsearch, Redis

## EDUCATION

### Bachelor of Engineering | AUG 2016 - AUG 2020

Gyan Ganga College of Technology, Jabalpur, India | 7.9/10 CGPA