

SHUBHAM KUMBHAKAR

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WORK EXPERIENCE

Supernova: L8 Cones Interactive Pvt. Ltd. Bengaluru, IN
SOFTWARE DEVELOPMENT ENGINEER DEC 2022 - PRESENT

- Developed a payment workflow using **Razorpay** to generate and distribute payment links, with automated sales entry integration into the database upon successful transactions.
- Automated product operations by creating custom webhooks and utilizing **Hasura-triggered webhooks** to streamline manual workflows, reducing errors and latency.
- Deployed serverless functions with **Cloudflare Workers API**, implementing **Durable Objects** for stateful operations and **KV Storage** for optimized data caching.
- Managed backend scheduling and queuing operations using **Inngest API**, ensuring efficient processing and reliability of server requests.
- Designed and maintained internal applications with **Retool**, enhancing UI workflows and supporting various database operations within the organization.
- Crafted a **gamified UI** learning experience for children using **React Native**, developing interactive templates like fill-in-the-blanks, matching, multiple-choice questions, jumbled words, and roleplay scenarios for spoken English to boost user engagement.

Vymo Technologies Pvt. Ltd. Bengaluru, IN
MEMBER OF TECHNICAL STAFF APR 2022 - NOV 2022

- Optimized **MongoDB** database operations through Mongo bulk operations with 20% query time reduction.
- Worked with **Kafka** for async messaging queues and **Elastic Search** for huge Database operations.
- Introduced feature of auto-calendaring meeting through **airflow dag** crons.

Mosaic Wellness Pvt. Ltd. Mumbai, IN
SOFTWARE DEVELOPMENT ENGINEER 1 AUG 2021- APR 2022

- Contributed in development of a personalized social media platform for community building and opening discussions among the users.
- Worked with **Neo4j** database of maintaining different types of graph node structures as database entities.
- Optimized major API functions with sql index querying instead querying in loop and reported 50% time reduction.
- Contributed in developing react.js component libraries using **React Storybook** for the product websites.

K12 Techno Services Pvt. Ltd. Bengaluru, IN
PRODUCT SPECIALIST OCT 2020 - AUG 2021

- Owned the development of product websites and created interactive worksheets with **React.js** for children, driving engagement through strategic social media promotion.

EDUCATION

IIT (BHU) Varanasi
B.Tech, Metallurgical Engineering
July 2016 - July 2020

SKILLS:

Programming/Scripting Languages:

JavaScript, TypeScript, Java,
C++, HTML/CSS, SQL, Cypher

Frameworks/Dev Tools:

Node.js, Next.js, React/Redux,
Expo, React Native, Kafka,
Zookeeper, Inngest, Airflow,
Upstash, Hasura, Vercel, Cloudflare,
Open AI, Anthropic, Retool,
Chatwoot

Databases:

MySQL, PostgreSQL, MongoDB,
Elastic Search, Neo4j

PERSONAL PROJECTS:

Voice Controlled Sorting Visualizer

React.js | Alan AI [GitHub Host](#)

- Built a React.js application for visualizing sorting algorithms.
- Integrated Alan AI assistant for voice controls.

Rotating Donut Projection:

Java | Linear Algebra [GitHub](#)

- Created 3D projection of a spinning Torus shape on terminal using Linear Algebra of 3D perspective rendering.

HOBBIES:

- Travelling and exploring places
- Painting - Abstract Modern Art
- Videography - Youtube/Instagram