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** and **Phonepe** 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.
- Managed backend scheduling and queuing operations using **Inngest API**, **Upstash** 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**, **Next.js** developing interactive templates like fill-in-the-blanks, matching, multiple-choice questions, jumbled words, and games like Sudoku and SkyScrapper.
- Owned and developed a web based game app for newspaper ad solving river crossing puzzle with fox, grass and goat. This got 600 plays in a week 10% leads converted to actual customers.

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:

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:
Next.js | Linear Algeabra   Web Host

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

HOBBIES:

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