

Tanishq Singla

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SKILLS

Programming languages: Javascript, Typescript, C/C++, Go Lang, Python

Databases: Postgres, MySQL, PostgreSQL, MongoDB, DynamoDB

Frameworks and Tools: Next.js, React, Git, JQuery, Express, Gin, Jest, Redux, Zustand, React Query, Chakra UI, Material UI, TailwindCSS, Node.js

PROFILE

Results-driven Fullstack Developer specializing in frontend technologies, with a proven track record of creating innovative tools that automate routine tasks and enhance team operations. Adept at leveraging modern frameworks to deliver impactful user experiences and streamline workflows. Passionate about driving efficiency and effectiveness in collaborative environments.

PROFESSIONAL EXPERIENCE

Software Development Engineer Intern

Jun 2024 – Dec 2024 | Gurugram, India

Zomato

- Redesigned the offer creation flow by introducing a scalable, config-driven system, achieved a **40% reduction in development time** and improving time-to-market by **30%**
- Delivered a custom ad creation tool for the Operations team, achieving **500,000+ impressions** within the first day and establishing a streamlined workflow for creating restaurant stories.
- Enhanced website responsiveness, cutting LCP from over 4 seconds to under 2.5 seconds, meeting **Google's Core Web Vitals thresholds** and significantly improving the site's **SEO rankings**
- Improved overall site stability, achieving an **INP reduction** from 300ms to under 100ms, leading to **better user retention**.
- Implemented a live location feature on Weatherunion's map, enabling users to access real-time weather insights based on their current location.
- Redesigned API documentation**, developed an interactive testing playground for Weatherunion's API, replacing static PDFs with an intuitive, user-friendly experience, enhancing developer onboarding and engagement.
- Introduced headless polymorphic components into inhouse component library, improving reusability, flexibility, and consistency across the codebase.

Jr. Software Developer

Jul 2023 – Jun 2024 | Noida, India

TradelIndia

- Migrated the search microservice from Django to Golang, resulting in a **75% decrease in query latency** and an **84% reduction in container size**, driving operational efficiency and cost savings.
- Rebuilt 3 FastAPI-based microservices in Node.js**, cutting technical debt and enhancing performance upto **110%** by **parallelizing queries**, leading to improved system throughput and reduced latency.
- Written cron jobs to backfill data to Elasticsearch cache, fixing loading time of **200+ pages from 30s to 3s**.
- Created a table to support dynamic specifications data in Postgres. This helped vendors to provide better and diverse product information resulting in better SEO visibility.

Frontend Engineer Intern

Jan 2023 – Jun 2023 | Telangana, India

Affordmed

- Developed an automated vendor registration and onboarding flow, significantly reducing manual effort and support costs, while streamlining vendor activation.
- Maintained 100% test coverage** through diligent unit and integration testing, ensuring code quality and significantly reducing the occurrence of post-release bugs.

Frontend Engineer Intern

Oct 2021 – Oct 2022 | Bengaluru, India

Smallcase

- Automated lead distribution** with a custom dashboard, reducing time spent on manual assignments by **1.5 hours/week** and boosting team productivity by **65%**.
- Optimized the customer support table**, implementing custom pagination logic that reduced load time by **90%**, from **45 seconds to 4 seconds**, improving operational efficiency

EDUCATION

B.E Computer Science

Aug 2019 – Jun 2023 | Rajpura, India

Chitkara University