Tanishq Singla

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PROFILE

Results-driven Fullstack Developer, with a knack for creating innovative tools that automate routine tasks and enhance team operations. Adept at leveraging modern frameworks to deliver impactful user experiences and streamline workflows.

SKILLS

Backend Technologies
- **Programming Languages**: Javascript, Typescript, C/C++, Go Lang, Python
- **Databases**: MySQL, PostgreSQL, MongoDB, DynamoDB
- **Frameworks and Tools**: Express, Gin, Node.js

Frontend Technologies
- **Programming Languages**: Javascript, Typescript
- **Frameworks and Tools**: Next.js, React, JQuery, Jest, Redux, Zustand, React Query, Chakra UI, Material UI, TailwindCSS

General Tools
- Git, Github Actions, Bash, Docker

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
TradeIndia 🔗
- 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 🔗