Himanshu Choudhary

Full-Stack Engineer

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Summary

I have **7+ years** of expertise in building scalable web applications and backend services. Proficient in React, NodeJS, Python and cloud infrastructure, with a strong background in startups and enterprise environments. Passionate about clean code, automating workflows, optimizing performance, enhancing developer experience and delivering high-quality solutions.

Availability: Actively seeking opportunities and available for immediate joining. Currently based in Pune, open to relocation.

Professional Experience

SDE-II, Mindtickle   (April 2022 – January 2025)

Developed and enhanced product features, improving user experience through close collaboration with cross-functional teams. Also contributed to talent acquisition by conducting **10+ interviews** as part of the hiring committee.

- Optimized product performance with network waterfall analysis, build optimization, lazy loading and **preemptive caching**
- Implemented best practices such as feature flags, artifact promotion, migration scripts, and comprehensive documentation, **enhancing developer experience** and **release quality**

Project: Readiness Index Reboot
- Revamped the customer onboarding process, cutting down completion time from **several weeks to just one day**.
- Implemented new key features, including AI-powered **auto-tagging**, pre-defined templates, and **bulk operations** with Excel support, streamlining the workflow
- Refactored and modularized the onboarding system by migrating it to a dedicated **module federation** based **micro frontend**, enhancing code quality, maintainability, and leveraging modern libraries

Senior Software Engineer, TRGT Digital   (March 2021 – April 2022)

I designed and developed products from the **ground up** to enhance performance marketing processes. I conducted UX research and built interactive prototypes in **Figma** to refine user experience.

- Developed a React-based frontend from scratch, focusing clean code, reusable components and a config-driven architecture
- Led the end-to-end infrastructure setup, including CI/CD pipelines, **Kubernetes clusters**, domain & SSL configurations, and deployments on **DigitalOcean** cloud and **Firebase**
- Optimized system **scalability** and reliability by replacing cron-based scheduled jobs with a distributed, **message queue-driven** Celery framework in Python, improving **monitoring** and maintainability

Specialist Software Engineer, Société Générale GSC   (June 2017 – March 2021)

I contributed to **digital transformation** initiatives by modernizing applications with cutting-edge technologies. I qualified for the elite Engineering-Stream group of top engineers and **secured top positions** in multiple hackathons.

- **Independently** migrated large dataset of reports with a **distributed**, scalable migration solution, **reducing** significant storage **cost** by transitioning from a legacy Documentum-based system to public cloud while ensuring **data integrity**
- **Reduced costs** by modernizing infra with serverless architecture and Kubernetes jobs, replacing expensive licensed tools
- Transformed a monolithic Java application into a scalable **microservices** architecture, developing **Spring-boot** services and **revamping the frontend** with React
- Developed an automated ML Trainer web app, enabling users to **interactively label** and **annotate** PDF reports, streamlining training and feedback **data collection** for ML models

Education

Indian Institute of Technology Kanpur   (2012 – 2017)
B.S. in Physics (+ Minor in Artificial Intelligence)

Technical Skills

Frontend: Javascript, React, NextJS, Typescript, Redux, Micro-frontend, PWA, Webpack, Web Workers, Highcharts, Tailwind
Backend: NodeJS, Python, Redis, PostgreSQL, Firebase, ElasticStack, Docker, Kubernetes, Public Cloud
AI tools: Github copilot, bolt.new, n8n   **Others**: Git, Figma, Notion, JIRA