

# Himanshu Choudhary

Frontend Engineer

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## Summary

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I have **7+ years** of expertise in building scalable web applications. Proficient in React, NodeJS, Python programming 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

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### SDE-II, Mindtickle

(April 2022 – January 2025)

Developed and enhanced product features in an **Agile environment**, improving user experience through 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**.
- Led **Event-Driven Development** to implement key features such as **AI-powered auto-tagging**, pre-defined templates, and **bulk operations** with Excel support, effectively 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.

- Developed a React-based frontend from scratch, focusing clean code, reusable components and a config-driven architecture
- Led the end-to-end deployment setup, including CI/CD pipelines, Kubernetes clusters, domain & SSL configurations, and deployments on **DigitalOcean** cloud and **Firebase**
- Conducted UX research and built interactive prototypes in **Figma** to refine user experience

### 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.

- **Led the transformation** of multiple legacy applications, migrating them from a monolithic architecture to a modern **React**-based frontend with **microservices**, improving scalability and maintainability
- 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

## Projects

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### PennyTrail

(Blog) (<https://pennytrail.web.app>)

- Developed an expense tracking app with customizable categories, payment modes, and a dashboard for spending insights
- Built it as a **PWA** using **NextJS** and **Firebase** for authentication, storage & analytics to ensure a seamless experience

## Education

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### Indian Institute of Technology Kanpur

(2012 – 2017)

B.S. in Physics (+ Minor in Artificial Intelligence)

## Technical Skills

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**Frontend:** React, Typescript, HTML5, CSS3, NextJS, Redux, MobX, SWR, Web Workers, D3, Bootstrap, Tailwind, Jest

**Backend:** BFF, REST, GraphQL, Javascript (NodeJS), Python, Firebase, PostgreSQL, CI/CD, Kubernetes, Public Cloud

**AI tools:** Cursor, Copilot, n8n, OpenAI API

**Others:** Git, Selenium, Figma, Notion, JIRA