# KAPIL LONDHE

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## SUMMARY

Frontend Engineer with 4.5+ years of experience building scalable, high-performance web applications using React, Next.js, and TypeScript. Proven track record in improving Core Web Vitals, optimizing test pipelines, and delivering enterprise-grade UI systems.

## SKILLS

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|---|---|
| **Languages** | TypeScript, JavaScript, Java, Python |
| **Frontend** | React.js, Next.js, Redux, Tailwind CSS, D3.js |
| **Backend** | Node.js, Express.js |
| **Databases** | MongoDB, PostgreSQL |
| **Tools** | Git, Jest, Webpack, Vite |

## EXPERIENCE

**Consultant** — Aug 2025 - Present
**Thoughtworks**, Pune

- Built scalable UI features using Next.js, TypeScript, and Tailwind CSS for HDFC Life
- Resolved critical security vulnerabilities, improving application reliability
- Reduced CI/CD pipeline resource consumption by 35% by optimizing unit tests
- Improved Core Web Vitals, enhancing overall application performance
- Mentored junior developers on coding standards and best practices

**Software Engineer** — Sep 2021 - July 2024
**HCL Technologies** (Client: Siemens Digital Industries Software, Pune)

- Developed and maintained features for Teamcenter Active Workspace used in industrial applications
- Improved performance by optimizing critical UI components and resolving Coverity issues
- Built interactive data visualizations using D3.js to enhance user experience

## PROJECTS

**HDFC Life - INSPIRE** — Aug 2025 – Present
Built and optimized UI for a large-scale enterprise application using Next.js and TypeScript

**MBSE Parameters Management** [Info] — Nov 2021 – July 2024
Developed a dynamic UI for industrial parameter management in Teamcenter using React and D3.js

**American Sign Language Recognition** [Demo] — Feb 2021 – June 2021
Built a real-time gesture recognition system using CNN for accurate hand sign detection

**Power Consumption Monitoring System** — Jan 2019 – Mar 2019
Designed a real-time system to monitor voltage, current, and power metrics for industrial machines

## EDUCATION

**B.Tech, Electronics and Telecommunications** — 2017 - 2021
SGGS Institute of Engineering & Technology — CGPA: 8.58/10

## ACHIEVEMENTS

- Smart India Hackathon 2019 — 1st Place
- HCL ERS Champion Award