

KAPIL LONDHE

+91 9657859658 ◇ Pune, India

kapillondhe25@gmail.com ◇ linkedin.com/in/kapillondhe ◇ www.kapillondhe.com

SUMMARY

Software Engineer with 4+ years of experience building scalable enterprise applications and delivering high-performance user experiences. Passionate about AI-assisted software development and engineering practices that improve scalability, maintainability, and delivery efficiency.

SKILLS

Languages	TypeScript, Python, Java
Frontend	React.js, Next.js, Redux, Tailwind CSS, D3.js
Backend	Node.js, Express.js, FastAPI
AI	Claude Code, Prompt Engineering, MCP, RAG, Pydantic AI
Databases	MongoDB, PostgreSQL
Tools	Git, Jest, Webpack, Vite

EXPERIENCE

Consultant Aug 2024 - Present
Thoughtworks, Pune

- Built scalable UI features using Next.js, TypeScript, and Tailwind CSS for HDFC Life, supporting advisors processing Rs.100+ Cr in transactions
- Adopted AI-assisted development workflows and built project-specific Claude Code skills for the team, cutting implementation time by approximately 50%
- Reduced CI/CD pipeline resource consumption by approximately 35% through unit test optimization.
- 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, an industrial PLM platform used by engineering teams
- Developed a diagnostic tool that enabled simulation tools such as MATLAB to integrate with Teamcenter.
- Optimized critical UI components and resolved Coverity static-analysis issues to improve application performance and stability
- Built interactive D3.js visualizations to help engineers analyze and manage industrial parameters more efficiently

PROJECTS

HDFC Life - INSPIRE Aug 2025 – July 2026
Built and optimized UI for a large-scale enterprise application using Next.js and TypeScript supporting internal advisors across multiple business processes.

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

CERTIFICATIONS

AWS Certified AI Practitioner

Amazon Web Services

[Credential](#)

Issued: Aug 16, 2026 Expires: Aug 16, 2029

Claude Certified Architect – Foundations

Anthropic

[Credential](#)

Issued: Jul 04, 2026 Expires: Jul 04, 2027

EDUCATION

B.Tech, Electronics and Telecommunications

SGGS Institute of Engineering & Technology

2017 - 2021

CGPA: 8.58/10

ACHIEVEMENTS

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