

# VISHAL PATIL

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## SUMMARY:

**Trainee Software Engineer** with **1 year** of practical experience in modern **frontend development**. Proficient in **React** for building modular and responsive UIs, and familiar with **FastAPI** for end-to-end feature development. Strong understanding of **SEO** best practices, performance optimization, and API integration.

## TECHNICAL SKILL:

- **Frontend Technologies:** JavaScript, React JS, Next.js, Context API, Axios.
- **Backend Technologies & Database:** FastAPI, MongoDB, MySQL.
- **Tools:** GitHub, Postman, Git, Snowflake, Gcolab, Vercel, Netlify.
- **CSS / UI Library:** Tailwind CSS, Bootstrap.
- **Animation Library:** GSAP, Framer Motion.

## EXPERIENCE:

### *Trainee Software Engineer The Shine Media | September 24 –Present*

- Improved UI consistency by developing and maintaining responsive websites using React.js, HTML5, CSS3, Tailwind, and JavaScript, reducing layout issues by 30%.
- Accelerated feature delivery by collaborating with senior developers to design and build reusable UI components, cutting development time by 20%. Enhanced website performance by implementing lazy loading, image optimization, and API response caching, boosting page load speed by up to 40%.
- Increased application reliability by integrating REST APIs using Axios/Fetch and validating end-to-end data flows across UI and backend.
- Delivered production-ready features by creating 5+ high-quality UI pages during the training period, meeting design and performance expectations.

### *Intern Zabuz Labs | September 23 – February 24*

- Developed and deployed Python-based APIs using FastAPI, integrating Generative AI capabilities such as text-to-image generation and text summarization, enabling advanced user-facing features.
- Enhanced backend performance by optimizing response times and implementing asynchronous processing, improving overall system scalability and reducing latency.

## PROJECTS:

### *Talk AI - React, Gemini API, LocalStorage*

- Link Built an interactive AI chat application enabling users to generate smart responses using Google Gemini. Implemented a clean, responsive UI with React and stored conversation history locally using LocalStorage for a seamless user experience. Integrated Gemini's text generation API to deliver contextual replies and ensure fast, real-time interactions.

### *Lung Disease Prediction Dashboard - Reactjs, Flask, ML Model*

- Developed an insightful medical dashboard that visualizes patient data and predicts lung disease using an integrated ML model. Built a responsive UI in React and connected it with a Flask backend to deliver real-time predictions and interactive visual analytics.

### *23d studio - Nextjs, Tailwind*

- Developed and deployed a responsive portfolio website for a design firm, built with Next. Focused on clean UI, smooth animations, and optimized performance for a professional user experience.

## EDUCATION:

### **Bachelor of Computer Engineering**

GES R. H. Sapat College of engineering | 2021 - 2024

CGPA : 8.37