Sparsh Yadav

LinkedIn: https://www.linkedin.com/in/sparshydv/
Github: github.com/sparshydv
Leetcode: https://leetcode.com/u/Sparsh_Yadav/

Email: sparsh.yadav.work@gmail.com
Mobile: +91-7536044464
Video CV Link

SKILLS

- **Languages**: C++, Java, JavaScript, Python, HTML, CSS, PHP, SQL
- **Soft Skills**: Problem-Solving Skills, Adaptability, Time Management, Growth Mindset, Resilience
- **Frameworks**: React, Node, Mongo, Express, Next, Git, GitHub, Vercel, Netlify, Tailwind, Bootstrap, REST API, Postman, MySQL, Shadcn, Spline, Docker, AWS
- **Tools/Platforms**: DSA, UI/UX, Figma, CI/CD, Selenium, Generative AI, Prompt Engineering, LLMs, NLP, RL, RAG, AI Integration, Vapi, Devin, Cursor, Claude, Bolt, Firebase

PROJECTS

- **Screen Time Tracker Web App**   Feb 2025
  - Developed a Chrome extension to track real-time screen time across 10+ websites/apps, improving accuracy of usage analytics by 95%
  - Implemented secure backend APIs with authentication and scalable database design, enabling reliable logging and analysis of 1,000+ daily user activity records.
  - Crafted a responsive frontend dashboard to visualize 5+ key insights (daily usage, app distribution, productivity vs. distraction) using intuitive charts.
  - Refined data flow to reduce API response time by 40%, ensuring a seamless experience for users monitoring their screen habits.
  - **Tech**: React.js, Chrome Extension, Express, MongoDB, Generative AI

- **AI Voice Interview Web App**   Nov 2024
  - Utilized Next.js for server-side rendering, improving page load speed by 45%, resulting in smoother real-time interactions.
  - Configured Firebase authentication and database management, enabling secure onboarding for 500+ users with 99.9% uptime reliability.
  - Integrated Vapi and Gemini AI for voice-based interview simulations, increasing realism of interview practice sessions by 70% (measured via user feedback surveys)
  - **Tech**: Next.js, Tailwind CSS, Firebase, Vapi, Gemini AI

- **Dynamic Movie Search App**   Aug 2024
  - Optimized API calls with a 500ms debounce, reducing unnecessary requests by 70% and lowering crash probability by 40%.
  - Introduced a dynamic trending section with Appwrite, enabling real-time updates and increasing user engagement by 65%.
  - Boosted search efficiency, allowing users to explore 1M+ movies in 30+ languages, enhancing accessibility and retention.
  - **Tech**: Appwrite, React.js, Tailwind CSS, REST API

TRAINING

Complete Interview Preparation by GFG   June 2024
  - Learned the essential concepts and techniques for cracking technical interviews, with a focus on data structures and algorithms.
  - Gained hands-on experience with coding challenges, interview questions, and mock interviews to improve problem solving.

CERTIFICATES / CERTIFICATIONS

- Cloud Computing certification | **NPTEL IIT-K**   Nov 2024
- Mastering Backend using Node.js and MongoDB | **NIIT**   May 2024
- Generative AI with Large Language Models | **DeepLearning.AI**   Mar 2024
- Mastering Data Structures and Algorithms using C and C++ | **Udemy**   Feb 2024
- Explore a Career in Front-End Web Development | **LinkedIn**   Feb 2023
- Learning Python for Artificial Intelligence | **Cipher Schools**   Jan 2023

ACHIEVEMENTS

- **Solved 450+ questions on Leet Code**
- **College Topper at Coding Ninjas Dec 2024**
- **2nd Runner Up in Hack AI - Hackathon**
- **Among the Dean's Top 10% List in University**

EDUCATION

Lovely Professional University   Punjab, India
Bachelor of Technology in Computer Science and Engineering: ***CGPA: 7.8***   *August 2022 - Present*

St Mary's Inter College   Etawah, UP
Intermediate | ***Percentage: 84%***   *April 2020 - March 2021*

St Mary's Inter College   Etawah, UP
Matriculation | ***Percentage: 89%***   *April 2018 - March 2019*