

Vibhav Yadav

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Professional Summary

Full-Stack Developer with hands-on experience building and deploying production-grade web applications using React, Next.js, Node.js, and PostgreSQL. Skilled in crafting responsive frontend UIs and architecting robust backends. Experienced with authentication flows, and third-party integrations.

Technical Skills

Languages: JavaScript, Java, Python, SQL

Frontend: React, Next.js, Tailwind CSS, Zustand, Yjs, Vite

Backend: Node.js, Express, REST APIs, WebSocket, JWT

Databases: PostgreSQL, MongoDB, Supabase, Mongoose

Tools: Git, GitHub, Postman, Vercel, ImageKit, Razorpay, GitHub OAuth

Projects

GitTools – Git Command Builder | [GitHub](https://github.com) | gittool.dev Jan, 2026

- Architected a full-stack Next.js platform with 10+ interactive Git tools; live-preview engine auto-generates command documentation, reducing manual lookup time by 40%.
- Implemented GitHub OAuth via Supabase with row-level security, danger-level badge system, and flag-conflict detection to prevent destructive Git errors at the UI layer.
- Designed a scalable PostgreSQL and Supabase backend architecture supporting AI-powered suggestions and real-time collaboration.
- Tech: Next.js, React, TypeScript, Tailwind CSS, Supabase, PostgreSQL, GitHub OAuth

Jottr – Real-Time Collaborative Workspace | jottr.dev Nov, 2025

- Built a full-stack collaborative document editor with real-time multi-user editing using Yjs and WebSocket; supports team workspaces, public and private sharing, and offline editing.
- Engineered a Supabase and PostgreSQL backend with row-level security; managed complex client state with Zustand across a responsive dark mode UI.
- Tech: React, Next.js, Tailwind CSS, Tiptap, Yjs, WebSocket, Supabase, PostgreSQL, Node.js

LibraFlow – Full-Stack Blogging Platform | [GitHub](https://github.com) Sep, 2025

- Developed a production-grade MERN stack platform with JWT authentication, role-based access control, and a well-structured REST API built with Express.
- Integrated ImageKit CDN for media uploads; optimized frontend performance with React and Vite.
- Tech: React, Vite, Node.js, Express, MongoDB, Mongoose, JWT, Razorpay, ImageKit

Training

W3Grads – Full-Stack Development Jun 2025 – Jul 2025

- Built and deployed full-stack web applications applying MVC design patterns and RESTful API design.
- Improved algorithmic problem-solving in Java, achieving up to 30% reduction in time complexity across solutions.
- Practiced Git-based version control and industry-standard coding conventions in an Agile team environment.
- Tech: Java, React, Node.js, MongoDB, Postman

Certifications

- Oracle Data Platform Foundations Associate, Oracle | [Badge](#) Mar, 2026
- Frontend Developer (React), HackerRank | [link](#) Nov, 2025
- Python (Basic), HackerRank | [link](#) Nov, 2025
- Cloud Computing, NPTEL | [link](#) May, 2025

Achievements

- Solved over 100 data structures and algorithms problems on LeetCode.
- Achieved 5 stars in Python and Java on HackerRank.

Education

Lovely Professional University	Aug, 2023 – Present
Bachelor of Technology in Computer Science and Engineering, CGPA: 7.9	Punjab, India
Prime College Kano	Aug 2021 – Sep 2022
A Level, Grade: A	Kano, Nigeria
Prime College Kano	Sep 2020 – Sep 2021
O Level, Grade: A	Kano, Nigeria