

VAIBHAV SHUKLA

Software Engineer

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📍 Bhilai - India

in [Linkedin](#)

🔗 [Github](#)

EXPERIENCE

FullStack Developer

Omega Orion

📅 Jan 2024 – Present

📍 Remote

- Developed an employee portal that increased team productivity and reduced HR processing time.
- Managing backend API routes and a PostgreSQL database, ensuring seamless integration with the React frontend, the resulting in **15% fewer bugs** and a **10% improvement** in application performance.
- Collaborating closely with a team of **10+ team members** to deliver a high-quality UI/UX, increasing in user satisfaction and a **10% reduction** in support tickets.

Opensource Contributions

Github

📅 Feb 2022 – Present

📍 Remote

- Actively contributed to open-source projects (**772 contributions since Feb 2022**) by fixing graphics and component stability issues, likely improving user experience.
- Demonstrated strong coding skills through **12 pull requests**, resolving bugs and enhancing project functionality.
- Solved issues in **Excalidraw: Fixed a bug causing a "strange symbol" to appear after deleting items**. My solution ensures the selection tool functions correctly, enhancing user experience.

ACHIEVEMENTS

- Led team to **Smart India Hackathon 2024 Software Finals**, placing among the **top 1% (out of 100+ teams)**.
- Winner in the Ideation category at OPJU Innovation Fest 3.0, among **20+ teams**.
- Facilitated **5+ sessions** and events across domains, including Frontend-Days and HacktoberWeek, ensuring smooth communication with speakers.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, C, Java, Python, Rust, Solidity, Groovy
- **Frontend:** Next.js, React.js, JavaScript, Typescript, Bootstrap, Tailwind, MUI, RadixUI, ShadCn
- **Backend:** Rest API, NodeJS, Express, GraphQL, WebSocket, Mongoose, Prisma.
- **Frameworks :** Tauri, Vite, Git, GitHub, Firebase, Postman, Apollo Client, Orkes
- **Databases:** MySQL, MongoDB, PostgreSQL.

COURSEWORK SUBJECTS

- Operating System
- Computer Networks
- Object Oriented Programming
- Database Management System

EDUCATION

B.Tech. (CSE) - 8.22 CPI

Bhilai Institute of Technology

📅 Nov 2021 – July 2025

12th - 91%

Central Board of Secondary Education

📅 2021

PROJECTS

OpInHacks: Hackathon Website

[Github](#) | [Link](#)

- Spearheaded the development of the Opin-Hacks event website, resulting in a **20% increase** in user engagement.
- Constructed the site using **React** and refined its design using Tailwind CSS, leading to a **30% reduction** in page load time.
- Seamlessly transitioned the website from **vanilla CSS to the Tailwind framework**, resulting in a **20% improvement** in code maintainability and a **30% increase** in development efficiency.

ShieldBuntu

[Github](#)

- ShieldBuntu is an application developed for hardening Ubuntu OS.
- Led the development of an automation framework, reducing the time required for **Ubuntu hardening by 40%**. The application automates security measures, ensuring a fortified system against potential vulnerabilities.
- Contributed to ShieldBuntu's **frontend with TypeScript and Tauri**, implementing shadcn components, resulting in a **20% improvement** in user interface functionality and aesthetics.
- Engineered a feature to **generate custom bash scripts**, which led to **30% improvement** in efficiency.

Project Management System

[Github](#) | [Link](#)

- Led full-stack development using Node.js, Express, GraphQL, and React.js with Apollo Client, resulting in a **40% reduction** in client profile and project management time.
- Seamlessly integrated **MongoDB** for streamlined data management, leading to a **30% increase** in efficiency in handling client profiles and project data.
- Implemented robust interaction between client profiles and project data, resulting in a **40% improvement** in user experience and data accessibility.