VAIBHAV SHUKLA

Software Engineer

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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 OpinHacks 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.**