

Vaishnavi

Email: vaishnavisawai27@gmail.com [Github](#)

Phone Number: +91-7668642960 [Linkedin](#)

EDUCATION

- **National Institute of Technology, Hamirpur (NITH)** Himalchal Pradesh, India
Bachelor of Technology, Computer Science and Engineering; CGPA: 8.6.

EXPERIENCE

- **Source.One** Pune, India (On-site)
SDE-1 *Jun2023 - present*
 - Developed an automated **Tagging service** that streamlined the processes by **attaching tags** to entities and **triggering predefined actions**. It enhanced efficiency and accuracy by **27%** and eliminated manual intervention.
 - Developed a custom **Ticketing system** for efficient issue tracking, project management and workflow automation with real-time notifications, saving **6 Lakhs a year**.
 - Developed and implemented a **responsive CRM web application** enabling traders to purchase polymers online.
 - Designed efficient **APIs**, integrated multiple 3rd party API /created **webhooks** and **optimized MongoDB** database **queries** resulting in a **7%** reduction in turnaround time.
 - Implemented an **acceptance testing** suite and developed **integration test modules** of internal product, reducing manual testing efforts and automating the QA process, leading to a **15%** time savings.
 - Provided support to end customers as an **on-call engineer**.
 - Implemented a standalone **Apache Kafka** setup and developed **message queues** for a high-performance messaging service, ensuring reliable, scalable, and efficient message processing and monitoring..
- **Source.One** Pune, India (On-site)
SDE-Intern *Mar - Jun 2023*
 - Implemented a **role-based access control model**, allowing for **granular permission settings**, that eliminated the need for hard coding, resulting in a **5%** reduction in development time and increased team productivity..
 - Developed and maintained **custom scripts** to streamline **database maintenance tasks**, resulting in a **7%** increase in efficiency..
 - Worked and improved the current **notification system** and made UI changes to **enhance user experience**.
- **Flymedia Technology** India (Remote)
Software Developer (Intern) *May - Jun 2022*
 - Designed and **programmed fully responsive signIn, signUp, and registration pages** for **78k active users**.
 - Integrated **authentication system** for user and fast **password recovery** within **23 sec**.
 - Implemented the **entire login system** to allow **CRUD operations** on the user list and user validation.

PROJECTS

- **DPay** *Jul - Sept 2022*
Tezoz Blockchain Payment Solution
 - Launched a **fully functional Defi track application** for sending, receiving, and **sharing cryptocurrencies** for **1000 users**.
 - Designed and **Developed the smart contract using Smart-PY** and implemented test scripts on it.
 - **Integrated** the smart contract with the front end **using Taquito**.
 - Created the **front end using ReactJS** to implement the same.
- **ALPINE CAMP** *Aug - Nov 2021*
Full Stack Web Development
 - Deployed a website for **hosting and renting campgrounds**.
 - Designed database schema **for structured and efficient storage** of user-profiles and campground reviews and ratings **for more than 10,000 dummy users**.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, HTML, CSS, SQL, PostgreSQL, C++, Java
- **Software Development:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), System Design (LLD, HLD), Design Patterns, SOLID Principles.
- **Web and Backend Frameworks:** React.js, Redux, Node.js, Spring Boot
- **Database Management:** PostgreSQL, MongoDB

ACHIEVEMENTS

- **Hult Prize 2021 NIT Hamirpur** Winning team among 40+ teams.
- **2021 Hult Prize Impact Summit HO CHI MINH CITY** Country representative
- Solved over **500+** problems over various Competitive Programming platforms.