

Tejas Keshwani

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Summary

Dynamic and skilled Full Stack Developer with a focus on backend development. Proficient in languages like C++, Python, JavaScript, TypeScript, and frameworks including Node.js, React, Next.js, Express, Django, and Tailwind CSS. Experienced with databases such as PostgreSQL, MongoDB, and MySQL. Known for solving complex problems with innovative solutions, and capable of designing and deploying full-stack applications. Passionate about technology and eager to make a meaningful impact in software development.

Technical Projects

- **Air Quality Monitoring Using Drone Management**

Developed a system utilizing Arduino microcontrollers for real-time air quality monitoring through drone management. Integrated sensors to measure various air pollutants and transmit data wirelessly to a ground station. Programmed Arduino boards on drones to collect data at different locations for comprehensive air quality assessment.

- **Chrome Extension :**

Created a Google Chrome extension for link and credential management, allowing users to securely save and access links with login credentials.

- **GSSoC Contributions**

Contributed to the GirlScript Summer of Code with 5+ pull requests, improving various open-source projects and collaborating with other developers.

- **Campus Cart**

Developing a full-stack website for college students to order groceries and day-to-day items from nearby stores, utilizing Node.js, React, PostgreSQL, and MongoDB. This project aims to address the lack of nearby shopping facilities for students.

- **Minesweeper AI**

Created a Minesweeper game where an AI plays using Python and pygame. This project demonstrates proficiency in AI algorithms and Python GUI development.

- **Whistleblower Application**

Developed a full-stack web application for the Hackabyte hackathon, winning first place. The application allows anonymous reporting of unethical activities. Technologies used include Node.js, Express, Next.js, OAuth, React, and MongoDB.

We used login through eth wallet to maintain user's safety and anonymity.

link : <https://hackbyte-delta.vercel.app/>

Skills

Web Development, Javascript, DSA, Next.js, ReactJS, Redux, Git, Tailwind CSS, TypeScript, Node.js, Linux, PostgreSQL, MySQL, MongoDB

Education

IIIT Naya Raipur

Computer Science and Engineering | 04/2027

Academic Achievements:

1. **Hackabyte 2.0 Winner at IIIT Jabalpur:** Secured the top position in Hackabyte 2.0, a prestigious hackathon held at IIIT Jabalpur. Demonstrated exceptional problem-solving skills, innovative thinking, and teamwork.

2. **Core Member of Shutterbug Photography Club:** Played a vital role in the Shutterbug Photography Club, contributing to various creative projects and events. Led photography sessions, mentored junior members, and organized exhibitions showcasing the club's work.
3. **Core Member of Cipher Cell (Cyber Security Club):** Actively involved in Cipher Cell, the cyber security club. Participated in organizing workshops, seminars, and hackathons focused on cyber security. Contributed to raising awareness and knowledge about cyber security threats and practices among peers.
4. **Marketing Core Member of Technovate (College Fest):** Served as a core member of the marketing team for Technovate, the annual college fest. Successfully strategized and executed marketing campaigns, increasing event participation and engagement. Collaborated with sponsors and handled public relations to ensure the fest's success.