



AYUSH SAHU

Software/Web Development Engineer

Indian Institute Of Technology, (BHU) Varanasi

[LinkedIn](#)

+91-8085733084

ayushsahug803@gmail.com

[Github - Murdock9803](#)

[Portfolio](#)

Summary

- I am a **Software & Data Engineer** with experience in building clean and responsive solutions using **web development (Javascript / Python)** and **AI / Data**. I have a great interest in **Open Source & Public Technology**, which led to my work experiences at **Google Summer of Code** and **Build For Bharat**. I have experience in working with cross-functional teams across organizations.

Experience

- Build For Bharat Fellowship @ RDPR Dept, Govt of Karnataka** May 2025 - Jul 2025
Public Technology Fellow - Bharat Digital
 - Was deputed at the **Rural Development and Panchayat Raj Dept, Karnataka** to work towards bridging the gap between government information and rural population. Analysed the current state of **5950 Gram Panchayats** in terms of Government Plans, Schemes, Meetings, and other development works like **MGNREGA**.
 - Leveraged **AI (LLMs), Data Analysis, Frontend & Backend Development** technologies to automate existing processes in the government pipeline. Learned about scaling solutions, and reaching out to the very end user of an application.
- Google Summer of Code @ Creative Commons** May 2024 - Aug 2024
Contributor - [Project Link](#)
 - Modernized the CC Resource Archive Site by implementing a comprehensive visual overhaul to match with current Creative Commons visual standards across various sites. Refactored the code for **submission, accessing and filtering** of resources to enhance the user experience.
 - Utilized tools such as **Jekyll** for site development and **Docker** to facilitate a seamless local development environment. Researched web security principles and implemented measures to prevent **XSS attacks**. Worked remotely on the project for 4 months, delivering quality work and meeting all the deadlines while communicating with the project mentors and admins.
- Open Source Contributor** Oct 2023 - Oct 2024
Developer / Technical Writer - [Github Profile](#)
 - Contributed to OSS projects across organizations such as **Creative Commons, Mathesar, CircuitVerse, NRNB, Flyte, Catrobat**, etc. with more than **90%** pull requests merged.
 - Being a **member** of Creative Commons, I regularly review pull requests, issues and code submissions and guide newcomers in OSS.

Projects

- CinePhile - PC & Movie Database** [Site link](#)
A React-Tailwind website about cinema and web development, featuring extensive movie lists and additional functionalities.
 - Leveraged the **TMDB movie database API** along with libraries such as **Shery.js, GSAP, Scroll Trigger**, and **three.js** to create an immersive and visually captivating experience. Added routing capability with **React Router**, and **react-router-dom**.
 - Have been working on this as my passion project. A user can browse latest movies and shows, with lists such as Top-rated movies, Popular movies, etc.. Also, the landing page has been made highly appealing to the user, which is the highlight of the project.
- GSoC Documentation site** [Site link](#)
A responsive website in React and Tailwind to provide users a platform for reading Documentation about my GSoC journey.
 - Developed this mobile-friendly **responsive** website using **React** and **Tailwind CSS** aimed at helping juniors and peers learn from my experiences and navigate their own GSoC applications.
 - Utilized tools such as **framer-motion** for clean animations alongside **GSAP** for smooth scrolling effect.
 - Incorporated **markdown support** with the **react-markdown** module in react.js to directly convert markdown text into html code.

Technical Skills

- Programming Languages:** JavaScript, TypeScript, Python, C++, HTML, CSS
- Web Technologies:** Reactjs, Tailwind, Flask, Django, Pandas, Docker, Git, JQuery, Jekyll, Bootstrap, GSAP, SQL, API, UX Research

Education

Degree/Certificate	Institute	CGPA/Percentage	Year
B.Tech & M.Tech	Indian Institute of Technology (BHU) Varanasi	7.78	2021-2026
Senior Secondary	Saraswati Shishu Mandir Hr. Sec. School, Obedullaganj	92.2%	2021
Secondary	Bright English Medium Hr. Sec. School	92.4%	2019

Extra Curriculars / Achievements

- Qualified the Graduate Aptitude Test in Engineering 2024 (**GATE 2024**) for Civil Engineering Branch. Secured an All India Rank of **5920** among over **100,000** applicants.
- Captain** of the college Boxing Team, representing the team in **National Level** sports competitions and bagged **Gold Medal**.