

Kapil Sehrawat

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🔗 kapilsehrawat2005.github.io/Kapil-Portfolio 🌐 github.com/KapilSehrawat2005

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Professional Summary

Computer Science undergraduate (B.Tech in AI & ML) with hands-on experience in full-stack development, machine learning projects, and software version control. Skilled in JavaScript, Python, Node.js, and REST APIs. Delivered 5+ projects including a crop recommender system and alumni portal used by over 100 users. Proven ability to work in collaborative, fast-paced environments.

Experience

Web Development Intern, IBM SkillsBuild

- Developed 5+ responsive web interfaces using HTML, CSS, and JavaScript, enhancing user accessibility across devices.
- Revamped existing UI components, improving load time by approximately 30% using optimized CSS structure.
- Collaborated in a 3-member team using GitHub, resulting in seamless version control across a major projects.

AI & Machine Learning Intern, YBI Foundation

- Preprocessed and cleaned 10,000+ data rows for ML models to improve model accuracy by 15%.
- Trained and evaluated supervised models with 80-85% accuracy on classification tasks.
- Presented project outcomes to a panel of mentors, demonstrating end-to-end ML pipeline proficiency.

Education

Bachelor of Technology in Computer Science Engineering (AI & ML), 2022 – 2026
Shri Vishwakarma Skill University, Haryana

Senior Secondary (XII), Science Stream, 2021 – 2022
Shaheed Naik Rajendra Singh Govt. Model Sanskriti Sr. Sec. School (HBSE)

Technical Skills

Programming Languages

- Java
- Python
- JavaScript

Concepts

- Object-Oriented Programming
- Responsive Design
- Data Structures & Algorithms

Tools & Platforms

- Git
- GitHub
- VS Code

Databases

- MySQL
- JSON

Web Development

- HTML5
- CSS3
- Node.js
- Express.js

Projects

Alumni Portal, Full-Stack Web Application

- Engineered a student-alumni portal with features including registration, story sharing, and image uploads for users.
- Integrated JSON-based data storage for updates, reducing manual input by 60%.

Spotify Clone, Frontend UI Project

- Designed a fully responsive UI clone of Spotify with 20+ styled components, mimicking real-world streaming layouts.
- Enhanced page performance with minified assets, reducing initial load time by 25%.

Agriculture Assistant, Python Console App

- Programmed a crop recommendation system tested with 50+ real-time entries to suggest optimal crops based on input parameters.
- Achieved 90%+ accuracy in crop suggestions through rule-based decision logic.

Portfolio Website, Personal Project

- Assembled and launched a personal website viewed by 500+ visitors in 3 months, boosting visibility for projects and certifications.

Certifications

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| • Project Management Fundamentals - -
Web -
https://www.credly.com/badges/23a192bf-00ad-47c1-85b1-eb6a94e02c07 | • https://www.credly.com/badges/d23868b3-7eb4-41f4-a11d-fbf5ef9b9f68 - Credly |
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Additional Highlights

- Strong grasp of software development lifecycle and agile methodology.
- Actively seeking internship roles in Software Development, Web Development, or Machine Learning.