

SAHIL KUMAR SINGH

Portfolio

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📍 Jaipur India

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Summary

Software Developer (Fresher) with a strong foundation in programming and web development, experienced in building academic and real-world projects using Python, JavaScript, HTML, CSS, and MySQL. Developed projects including a Smart Desk Management System, Python-based games, and web applications, focusing on clean code, problem-solving, and user-centric design. AWS Academy and Red Hat certified, with hands-on exposure to cloud fundamentals, automation concepts, and collaborative development practices. Eager to contribute to scalable software solutions while continuously learning modern technologies.

Skills

- **Programming Languages:** Python, C
- **Web Technologies:** HTML5, CSS3, JavaScript
- **Databases & Cloud:** MySQL, AWS (EC2, S3, IAM – Fundamentals), Cloud Computing Concepts
- **Tools & Scripting:** PowerShell Scripting

Academic & Project Experience

2023-06 Current

Academic Projects Jaipur, India

- Designed and developed multiple academic and mini-projects using Python, HTML, CSS, JavaScript, and MySQL.
- Built a Smart Desk Management System focusing on automated exam hall desk allocation and LCD-based student information display.
- Developed Python-based applications including a Snake Game and Cryptanalysis programs, applying core programming and logic-building concepts.
- Created responsive web applications such as a Digital Clock and a static E-Commerce website, emphasizing UI structure and usability.
- Collaborated in team-based academic projects (TDP), following structured development and documentation practices.

INTERNSHIP EXPERIENCE

2025-07 – 2025-08

Cyber Security Intern

- Gained hands-on exposure to cyber security fundamentals, including basic threat analysis, system security concepts, and vulnerability awareness.
- Learned core concepts of network security, cryptography basics, and secure system practices through guided tasks and training modules.
- Assisted in understanding real-world cyber-attack scenarios, security best practices, and defensive techniques.
- Worked on practical exercises and case-based learning to strengthen analytical and problem-solving skills in cyber security.

Education

BCA: Cloud Technology & Cyber Security

2026-06

Vivekananda Global University, Jaipur

Certifications

AWS Academy Certified

- AWS Academy Cloud Foundations
- AWS Academy Cloud Architecting
- AWS Academy Cloud Developing

Professional Learning & Online Certifications

- Completed 25+ certifications across Software Development, Cloud Computing, Cyber Security, Data Analysis, and AI Fundamentals via Coursera and LinkedIn Learning.

Accomplishments & Extracurricular activities

- **Marathon Winner** – Organized by Vedanta.
- **Participated in Hackathons (2 Times)** – working on problem-solving and team-based development.
- **Participant, Computatia Conference (3 Times)** – gaining exposure to research and emerging technologies.
- Completed 25+ certifications across Software Development, Cloud Computing, Cyber Security, Data Analysis, and AI Fundamentals via Coursera and LinkedIn Learning.
- Attended multiple Career Development Center (CDC) sessions on professional skills and industry readiness.

Languages

- Hindi – Native / Fluent
- English – Intermediate (Working Proficiency)