

Satyam Kushwaha

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Summary

BCA Graduate (2025) with proven expertise in Full-Stack Web Development using Python (Flask), JavaScript (React.js), SQLAlchemy, and MySQL. Skilled in architecting and implementing CRUD applications, productivity tools, security solutions, and portfolio websites. Adept at debugging, deployment, and version control with Git/GitHub.

Possess a solid foundation in Data Structures and Algorithms (DSA) with Java, enabling efficient problem-solving and performance optimization. Known for seamlessly integrating back-end logic with front-end design to deliver robust, scalable, and user-centric solutions.

Skills

- Frontend: HTML, CSS, JavaScript, React.js, Bootstrap, Jinja
- Backend: Python (Flask)
- Database: MySQL, SQLAlchemy (ORM)
- Programming: Java (DSA), Python
- Tools: Git, GitHub
- Soft Skills: Problem-Solving, Teamwork, Time Management, Communication

Projects

- **Portfolio Website (Personal Branding Website)**
 - Skills: HTML, CSS, JavaScript, Bootstrap, GitHub API
 - Workflow: Developed a responsive portfolio showcasing projects & GitHub repos, with contact form for outreach.
- **Steganography Tool (Security & Encryption Project)**
 - Skills: Python, Image Processing, Cryptography (LSB Algorithm)
 - Workflow: Built a tool to hide secret messages in images using encryption/decryption for secure communication.
- **Grocery Management System (CRUD & Inventory Management Web App)**
 - Skills: Flask (Python), MySQL, Jinja Templates, Bootstrap
 - Workflow: Designed a web app with login/signup, product management, billing system, and real-time stock updates.
- **Student Management System (Full-Stack Web Application)**
 - Skills: React.js (Frontend), Flask (Backend), SQLAlchemy ORM, REST APIs
 - Workflow: Built a role-based system for Students, Teachers, and Admins to manage records, upload marks, and track performance.

Education

Dr. Virendra Swaroup Institute of Computer Studies (VSICS), Kanpur

BCA, CGPA: 6.96 (2025) | Top 5% Coders

SDIC Inter College – Class 12 (PCM), 2022, 66%

SDIC Inter College – Class 10, 2020, 78%

Certifications & Workshops

- Oracle MySQL HeatWave Certified Associate – Oracle, Aug 2025
- Oracle Cloud Infrastructure AI Foundations – Oracle, Aug 2025
- Cybersecurity, Data Analytics & Tech Consulting Virtual Simulations – Deloitte (Forage), Jul 2025
- Alpha – DSA with Java – Apna College, Jun 2025
- Employability Enhancement Programme – Infosys, Dec 2024
- Cyber Security & Ethical Hacking Workshop – SKDeft Technologies, Oct 2022