JASPREET SINGH
B.C.A. - Computer Applications
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UTTARANCHAL UNIVERSITY

BRIEF SUMMARY

A detail-oriented and analytical individual seeking a Software Quality Analyst position, where I can apply my skills in software testing, debugging, and cyber security to ensure robust and secure applications. With hands-on experience in VAPT, basic web security, and a strong understanding of Agile principles, I aim to contribute to delivering high-quality software products. Known for effective communication, critical thinking, and the ability to work collaboratively under pressure.

KEY EXPERTISE

Manual Testing & Bug Reporting   Agile & Scrum Methodology   Requirement Analysis & Documentation

Effective Communication & Team Collaboration

EDUCATION

Uttaranchal University	2026
B.C.A. - Computer Applications	CGPA: **7.75 / 10**	
Dronas International School, Dehradun	2023
12th	CBSE	Percentage: **77 / 100**	
Dronas International School, Dehradun	2021
10th	CBSE	Percentage: **75 / 100**	

PROFESSIONAL EXPERIENCE

The Red Users | Cyber Security | Cybersecurity   25 May, 2025 - Present

Cyber Security Analyst
Key Skills:

Basic Web Application Security Testing   Manual Testing & Bug Reporting   Problem-Solving

Good Documentation & Communication Skills   Kali Linux (Basic Usage)

As a Cyber Security Intern at Red Users, I learned the basics of ethical hacking, web security, and vulnerability testing. I worked on identifying common security issues, gathering information, and creating basic security reports. This helped me understand how to protect systems by thinking like a hacker.

Internshala Trainings | Cyber Security | Cybersecurity   01 Apr, 2024 - 06 Jun, 2024

Ethical Hacking Intern
Key Skills:

Computer Networking   Information Gathering and Vulnerability Assessment & Penetration Testing (VAPT)

SQL (basic for database testing)   GitHub (basic version control)   Strong Attention to Detail   Kali Linux Basics

I have hands-on experience in manual software testing, including writing and executing test cases, and reporting bugs clearly. I understand the software development and testing lifecycle (SDLC and STLC) and have basic knowledge of SQL for database testing. During my cybersecurity internship, I learned about ethical hacking, web application vulnerabilities, and OWASP Top 10. I also used Kali Linux for basic VAPT (Vulnerability Assessment and Penetration Testing). My strengths include problem-solving, attention to detail, documentation, and clear communication.

INTERNSHIPS

Codec Technologies | Cyber Security

01 Jun, 2025 - Present

Cyber Security Intern

Key Skills:

Basic Security Documentation   Basics of Cyber Security   Ethical Hacking (Introductory Level)

Network Security Fundamentals

1-month internship focused on the fundamentals of cyber security. Learned about ethical hacking, network security, and web application vulnerabilities. Gained practical exposure to tools like Kali Linux and basic VAPT techniques.

PROJECTS

Unity Browser

22 Sep, 2024 - 30 Nov, 2024

Mentor: Mr. Ashish Bhatt | **Team Size:** 2

Key Skills:

Python   GUI   Problem Analysis   Creative Problem Solving   Debugging and UI Design

File Handling & Custom Features (e.g., back/forward, search)

Project Link: https://github.com/jaspreetdeveloper/Web-Browser-Using-Python

I developed a simple web browser using Python and PyQt5, implementing features like URL navigation, forward/backward browsing, and search functionality. This project improved my skills in Python programming, GUI development, and user interface design using Qt tools.

Debt-Management-System

22 Nov, 2023 - 09 Feb, 2024

Mentor: Mr. Ashish Bhatt | **Team Size:** 2

Key Skills: C++   File Handling   Object-Oriented Programming (OOP)   Logic Building

Project Link: https://github.com/jaspreetdeveloper/Debt-Management-System-

Developed a console-based Debt Management System using C++ to help users manage their personal or group borrowings and repayments. The system allows adding borrowers, tracking loan amounts, calculating balances, and generating debt summaries.
Key Features:
Add, update, and delete borrower records
Track borrowed and repaid amounts
Display outstanding balances
Simple text-based interface for ease of use
File handling for saving and retrieving data

ACHIEVEMENTS

- Secured 2nd Position in Animated Storytelling at IT Utsav 3.0, organized by Uttaranchal University.

ASSESSMENTS / CERTIFICATIONS

Master of Agile and Scrum Basics

Aggregate: 60 / 100
Subjects: Agile Manifesto & Principles, Scrum Framework, Product Backlog & Sprint Planning, Agile Project Lifecycle (60 / 100)
Key Skills:

Agile Manifesto   Scrum Framework: Roles, Events, and Artifacts   Product Backlog & Sprint Planning

Agile vs Traditional (Waterfall) Methodologies

Master of Agile and Scrum Basics
Udemy | Completed June 2025

Completed a foundational course on Agile methodologies and Scrum framework. Learned key concepts such as Agile principles, Scrum roles (Scrum Master, Product Owner, Development Team), sprint planning, product backlog, and Scrum ceremonies. Gained practical knowledge of iterative development, team collaboration, and process improvement in Agile environments.

POSITIONS OF RESPONSIBILITY

Organizing Team Member – BYTE: Boost Your Technical Excellence
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Uttaranchal University | September 2024
Successfully served as an organizing team member for BYTE, a university-level coding competition held on Programmer's Day. The event witnessed the participation of over 50 teams, including students from other universities. I contributed to planning, coordination, and smooth execution of the event. This experience enhanced my event management, communication, and problem-solving skills while working effectively under pressure. I was awarded a Certificate of Recognition for my contribution.

Class Representative (CR) – Uttaranchal Universit
Represented the class in academic and administrative matters; coordinated with faculty and students to ensure smooth communication.

CRC (Corporate Resource Centre) Representative – Uttaranchal University
Acted as a liaison between the university's placement cell and students; helped in disseminating placement-related information and coordinating campus drives.

SEMINARS / TRAININGS / WORKSHOPS

Attended a One-Day Cyber Security Workshop
10 Oct, 2024 - 10 Oct, 2024
Institute Name: Uttaranchal University, Dehradun

Key Skills: SQL   Cyber Security Fundamentals   Types Of Hackers   Testing   Penetration Testing

Introduced to key concepts in ethical hacking, information security, and real-world threat scenarios. Learned about common vulnerabilities and the importance of secure coding practices.

Completed a Two-Day Full Stack Development Workshop
03 Oct, 2024 - 04 Oct, 2024
Institute Name: Uttaranchal University, Dehradun

Key Skills: HTML   CSS   NodeJS   Javascript

Gained hands-on experience with web technologies covering both front-end and back-end development fundamentals. Participated in live coding sessions and learned about full-stack project structures and deployment basics.

CO-CURRICULAR ACTIVITIES

- Cyber Security Intern at Red Users and Codec Technologies
- Organizing Team Member for BYTE: Boost Your Technical Excellence

EXTRA CURRICULAR ACTIVITIES

- Completed a One-Day Cyber Security Workshop
- Completed a Two-Day Full Stack Development Workshop

PERSONAL INTERESTS / HOBBIES

- Exploring cybersecurity tools and tech trends
- Playing story-driven PC games (like Call of Duty, Far Cry series)
- Exploring software testing tools and QA methodologies

WEB LINKS / IMs

- WhatsApp - +919997653196
- Github - https://github.com/jaspreetdeveloper

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: 2 Subhash Road, EC Road , Beni Bazaar Dehradun, Cross Road Mall , Dehradun, Dehradun, Uttarakhand, India - 248001

Date of Birth: 24 Mar, 2005
Known Languages: Hindi, English and Punjabi
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