

# Ishan Joshi

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## Profile Summary

Motivated and proactive Computer Application student specializing in Cloud Computing, with proficiency in Python, MySQL, HTML and Bash. Strong problem-solving and logical thinking skills, passionate about automating infrastructure, enhancing cybersecurity, and building cloud-native solutions. Committed to continuous learning and innovation. Actively seeking internship roles in AI/ML, Cloud Computing, Cybersecurity and Python Development.

## Education

### Jagran Lakecity University

*Bachelor of Computer Applications (BCA), Honors in Data Science (CGPA: 8.6) Relevant Coursework: Operating Systems, Networking, Cloud Infrastructure, System Security, Linux Fundamentals, Data Structures.*

**Bhopal, MP**  
July 2023 - July 2026

### St. Mary's Convent School

*Secondary education (Class 10th)-80% and Senior secondary education (Class 12th) - 66% score*

**Bhopal, MP**  
2011 - 2023

## Internship/Training

### AI/ML Intern - Infosys SpringBoard Virtual Internship 6.0 (September 2025)

### Cyber Security Intern – Prodigy InfoTech (Oct 2024 – Nov 2024)

- Developed and implemented cybersecurity tools including a keylogger, packet sniffer, Caesar cipher, and password complexity checker for ethical security demonstrations.
- Gained practical exposure to real-world security use cases and system vulnerabilities, reinforcing knowledge of Linux, Python, and network protocols.

## Skills

**Programming Languages:** Python, C/C++ Basics, Bash

**Web Development:** HTML, CSS.

**Databases:** MySQL

**Skills:** Problem Solving & Logical Thinking

**Tools:** GitHub, VS Code, Jupyter Notebooks, Wireshark, Docker

**Systems/Cloud:** Linux, AWS EC2, IAM

**Other:** Network Protocols, Debugging, Data Visualization, CLI Utilities

## Projects

- Automated Synchronous Backup** – Shell-based automation for local-to-cloud file sync using rsync, cron jobs, and real-time logging; deployed on AWS EC2 instance.
- Infectious Disease Spread Prediction** – Forecasting model to predict future trends using ARIMA and LSTM by analyzing and visualizing time series data for better decision making.
- Security Control Monitoring (Research)** – Published award-winning paper focusing on AI and ML-powered auditing frameworks for cloud environments.
- Automated Secure Server Deployment with Docker Integration**

## Extracurriculars

- Award-Winning Research Presentation** – Presented and won Best Paper Award for "Advanced Security Control Monitoring and Auditing in Cloud Computing", integrating AI and blockchain in audit processes.
- Workshop & Seminar Attendee** – Participated in cybersecurity and DevOps seminars to build practical insight into current trends.
- Research Paper Presenter** – ICIASET 2025 – Presented “Security Control Monitoring and Auditing in Cloud Computing,” highlighting AI-driven frameworks and system integrity.
- Virtual Job Simulation Forage:**
  - Deloitte Australia – Cyber Job Simulation (Forage)
  - Deloitte Australia – Data Analytics Job Simulation (Forage)
  - Tata Consultancy Services – Cybersecurity Analyst Job Simulation (Forage)