

Priyanshu Rawat

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Final-year student with proven experience in software technologies. Delivers high-impact projects through software design, collaboration, and technical leadership, improving team efficiency and product quality.

Education

B. Tech (CSE)	IPS College of Tech. & Management, Gwalior GPA – 7.49	2021 - 2025
Higher Secondary School (12th)	Govt. Gorkhee H. S. School Percentage – 75.5%	2020
High School (10th)	Govt Gorkhee H. S. School Percentage – 75%	2018

Personal Projects

- Automatic Shooting Score Detection System N/A
- Developed a Python-based system to detect and evaluate shooting scores automatically.
 - Used OpenCV for shot detection and score calculation from target paper images.
 - Implemented network communication using Python's socket module to transmit scores to a display over a local network.
 - Designed a responsive UI with PySide6 for user interaction and visualization.
 - Ensured reactive performance using RxPy and asyncio for efficient event handling.
 - Generated marked images showing shot positions and sent them for display in real time.
- Quicasses: Assessment Platform. [Github](#)
- Developed a full-stack web app using Flask (Gunicorn, SQLAlchemy, JWT) and Next.js (Tailwind CSS)
 - AI-driven assessment creation.
 - Built a secure backend with MySQL & Redis, integrated OCR for text extraction, and enabled real-time analytics.
 - Dockerized the application with Docker Compose.
- Deploying an Nginx web server
- Successfully installed and configured Nginx to serve as a reverse proxy.
 - Designed and implemented Nginx configuration to optimise website performance and security.
 - Deployed Nginx web server on a cloud-based virtual machine, utilizing Docker containers to ensure scalability and flexibility.
 - This project improved my skills in server management and provided hands-on experience in web application deployment

Technical Skills

- **Programming Languages:** HTML, Javascript, CSS, Python, C++, PHP
- **Tech:** Node.js, SQL, MySQL, NoSql, REST API, Git, Docker, Docker Scripting, Linux, Bash, Maven, Make
- **Devops:** AWS Cloud, Nginx, Jenkins, CI/CD, VPC, EC2, S3, RDS, IAM, Load Balancer, Auto Scaling
- **Soft:** Teamwork, Creative Problem Solving, Communication, Learning Mindset, Agile