

SHIVAM PANDEY

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EDUCATION

Hanswahini Institute of Science and Technology

Diploma in Computer Science Engineering

2018 – 2021

[View Details](#)

Maharaja Agrasen Himalayan Garhwal University

Bachelor of Computer Applications (BCA)

2021 – 2024

[View Details](#)

TECHNICAL SKILLS

Programming Languages: HTML, CSS, Tailwind CSS, JavaScript, Python, Java, PHP, SQL, R

Frameworks/Tools: WordPress, Bootstrap, Tailwind, React.js, Git, VS Code, GitHub, Apache NetBeans

Data Skills: Data Cleaning, Statistical Analysis, Data Visualization (ggplot2, tidyr)

PROJECTS

Employee Payroll Management System — Java, Swing, SQLite

- Implemented a payroll system using **Java** and **Swing**, integrated with **SQLite** for storage.
- Optimized salary calculations for speed and accuracy, managing payroll data efficiently.
- Reduced manual payroll errors by 30%.

Task Management Website — MERN Stack

- Designed a responsive task management app for scheduling and tracking tasks.
- Integrated user authentication and real-time updates using MERN stack.
- Enhanced user engagement, increasing daily active users by 20%.

Student Management System — PHP and MySQL

- Developed a system to track student data and grades, improving reporting speed by 25%.

Dairy Product Management System — PHP and MySQL

- Automated inventory management, reducing data entry errors by 40%.
- Enabled real-time tracking of sales and supplier data.

Web Projects using HTML, CSS, JavaScript, and Bootstrap

- Online Video Platform
- Smart Gadget Shop
- Villa Options
- Shopping App
- Headphones Only
- AZ News

R Language Projects

- Analyzed datasets using R for actionable insights, improving decision-making processes.
- View Certificates

CERTIFICATIONS

AI for Beginners

Data Structures and Algorithms

Power BI Webinar

Data Mining Through R

Fullstack Web Development Webinar

Cybersecurity Awareness

Portfolio