

PALLAVI BANSAL



CONTACT

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EDUCATION

Bachelor of Technology (B. Tech)– Computer Science Engineering

ABVGIET Pragati Nagar, Shimla | HPTU Hamirpur
2022 – 2026 | CGPA: 8.34

Senior Secondary Education (Class XII)

Govt. Sen. Sec. School Darlaghat , Solan | HPBOSE
2022 | Score: 79.9%

Secondary Education (Class X)

Govt. Sen. Sec. School Darlaghat , Solan |
HPBOSE 2020 | Score: 94%

TECHNICAL SKILLS

- **Programming Languages**
PHP , Java, Python
- **Web Technologies**
HTML, CSS, JavaScript , Bootstrap ,
CodeIgniter 3
- **Data Analysis**
SQL, MySQL, Microsoft Excel(Basic), Power
BI(Basic)
- **Core CS Subjects**
Data Structures & Algorithms, Object
Oriented Programming (OOPs), DBMS,
Computer Networks
- **Tools**
VS Code, XAMPP, phpMyAdmin , Jupyter
Notebook, PowerBI

SOFT SKILLS

- Communication Skills
- Teamwork
- Problem-Solving
- Quick Learner
- Adaptability

PROFILE

Computer Science Engineering graduate with a strong foundation in PHP, CodeIgniter, Java, Python, MySQL, HTML, CSS, JavaScript and DBMS. Experienced in developing web applications and academic projects. Passionate about software development and eager to contribute as a Software Developer.

CERTIFICATIONS

Web Development Training – TECHLIVE SOLUTIONS (2024)

Gained hands-on experience in web development using front-end and back-end technologies.

Developed responsive user interfaces using HTML, CSS, and JavaScript.

Core Java Programming – Spoken Tutorial, Indian Institute of Technology Bombay (2024)

Learned Java fundamentals and object-oriented programming concepts.

Developed practical skills in writing, debugging, and executing Java programs.

Python Using AI– Future Finders (2025)

Gained proficiency in Python programming for AI and machine learning applications.

Worked with Python libraries including NumPy, Pandas, and Scikit-learn for data analysis and ML tasks.

PROJECTS

AI-BASED MAIZE PEST DETECTION SYSTEM

- Built a CNN-based model for accurate maize pest classification.
- Performed image preprocessing and model training.
- **Technologies: Python, CNN, OpenCV, Machine Learning**

FACE RECOGNITION ATTENDANCE SYSTEM

- Automated attendance marking using facial recognition.
- Implemented face detection and recognition using OpenCV.
- **Technologies: Python, OpenCV, Face Recognition**

WEATHER APP

- Developed a responsive weather application using Open Weather API.
- Displays real-time weather information with dynamic UI updates.
- **Technologies: HTML, CSS, JavaScript, REST API**