

# Deepanshi Bhardwaj

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IT Undergrad

## PROFILE SUMMARY

Dedicated B.Tech (IT) student with a focus on DSA, Java Programming, DBMS and OOPs. Eagerly exploring the AI/ML domain and engaged in research under a renowned professor. Seeking a dynamic role to expand knowledge base, contribute to real-world projects, and enhance soft skills in a collaborative environment.

## EDUCATION

**Bharati Vidyapeeth's College of Engineering, New Delhi**

(2021 - 2025) B.Tech in IT

**CGPA: 8.6/10**

**Relevant Coursework**—Data Structures and Algorithms, Advanced Java, Database Management System, Operating System, Software Engineering, Web Tech

**Columbia Foundation School, Vikas Puri, New Delhi**

(2021) CBSE Board **Percentage: 95%**

## EXPERIENCE

**Web Development Intern, Siyaram Travels, Uttarakhand**

(Nov 2023 - Dec 2023)

- Built a fully functional website with the team for a travel company with accessible UI/UX design.
- Developed integrated payment system and system for easy data collection using forms-PHP, SQL, MongoDB and React.

## PROJECTS

**Real-time Forest Fire Detection Web app**

- Led a team of 3 individuals and utilized collected data to implement real-time forest fire detection and connecting it to the alarm System integrated website to access instant automated alerts.
- Extracted and collected GOI videos and images database for training; gained **95%** accuracy and plan to fine-tune model.

*Tech Stack:* Python, Flask, SQLite, OpenCV, HTML, CSS, Javascript, Supervision Library

**Explainable CNN image classification**

- Designed CNN image classification models.
- Incorporated explainable algorithms-Multiclass Classification, Softmax Neural Network.

*Tech Stack:* Python, Tensorflow, Pandas.

**Chess App Developer | ChessMaster**

- Developed a responsive chess app with dynamic board rendering and comprehensive game logic using React
- Implemented real-time multiplayer, game history review, and secure Firebase authentication.

*Tech Stack:* React, JavaScript, CSS, HTML, WebSocket, Firebase.

## TECHNICAL SKILLS

**Programming:** Java, C++, Python, HTML/CSS, Javascript, SQL

**Libraries/Frameworks:** Tensorflow, Keras, Pandas, Numpy, OpenCV, Flask, Bootstrap, Java Swing, AWT, React, Node.js

**Certifications:** DSA C++ (Coding Ninjas, 2023), Supervised Machine Learning (Coursera, 2023), Google IT Support (pursuing, 2024), Front-End Development Libraries (FreeCodeCamp, 2024), Neural Networks and Deep Learning (Coursera, 2024).

## POSITIONS OF RESPONSIBILITY

- General Secretary of Internationally recognised society ACM BVP.
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- Led a team of 4 people in 'Wie Hack 4.0' conducted by BVPIEEE and reached the last round

## Interests

- Many interesting frontend projects on Codepen.
- 300+ Questions on LeetCode.

