

# Parv Setia

**Address:** L-103, Lajpat Nagar - 2, New Delhi - 110024  
**Phone:** +91-9625256579  
**Email:** parv21042005setia@gmail.com  
**LinkedIn:** www.linkedin.com/in/parv-setia-4533b6280

## SUMMARY

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Dynamic and self-motivated Computer Science and Engineering student with a strong foundation in Data Structures and Algorithms, Front-End Development, and Object-Oriented Programming. Proficient in Machine Learning, with hands-on experience in designing and implementing intelligent solutions. Skilled in web development technologies like HTML, CSS, and JavaScript, with a keen eye for detail and user-centric design.

## WORK EXPERIENCE

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### Projects

1. Implemented a custom object detection solution using the YOLOv5 model alongside a tailored Tkinter interface, which streamlined workflow processes and reduced manual verification tasks by 50 hours monthly.
2. Image Predictor Model  
Developed an image prediction model that identifies the type of leaf from its image.  
Trained the model on a specialized dataset, achieving high prediction accuracy with confidence scores.  
Leveraged Python and machine learning libraries to preprocess data and optimize the model's performance.
3. Real-Time Facial Recognition  
Created a facial recognition system using OpenCV for secure authentication.  
Implemented in Python and tested for accuracy on multiple datasets.

### Workshops & Hackathons

- Navigating Tomorrow Workshop
- Collaborated with industry leaders from Microsoft, EY London to organize and contribute to sessions on AI, ML, IoT, and Cybersecurity.
- Guided peers on the fundamentals of Machine Learning and problem-solving in tech competitions.

### Hackathon Participant

- Developed a real-time facial recognition application using OpenCV

## EDUCATION

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### Bachelor of Technology

Bharati Vidyapeeth College Of Engineering, Affiliated to IPU

- Major in Computer Science Engineering .

### Schooling From BIRLA VIDYA NIKETAN

12th - 94.6%

## ADDITIONAL INFORMATION

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- **Technical Skills:** Machine Learning, Data Structures and Algorithms, Object Oriented Programming, Frontend Development(Js ,HTML ,CSS).
- **Languages:** English, Hindi